

**CITY OF NEWTON
PURCHASING DEPARTMENT**

CONTRACT FOR PUBLIC BUILDINGS

**PROJECT MANUAL:
SOLAR ENERGY FACILITIES
*REQUEST FOR QUALIFICATIONS #11-17***

**PRE SUBMISSION MEETING: NOVEMBER 9, 2010 AT 10:00 A.M.
REVISED SUBMISSION DATE: NOVEMBER 24, 2010 AT 10:00 A.M.**

**OCTOBER 2010
Setti D. Warren, Mayor**

CITY OF NEWTON, MASSACHUSETTS

PURCHASING DEPARTMENT

purchasing@newtonma.gov

Fax (617) 796-1227

November 18, 2010

ADDENDUM #2

REQUEST FOR QUALIFICATIONS #11-17

SOLAR ENERGY FACILITIES

THIS ADDENDUM IS TO: **Correct the wording on the original RFQ and Answer the following Questions from the PreBid and those that have been submitted independently:**

Section 3.0 PROJECTED SELECTION TIMELINE – Original Item D is deleted.

New Item D should read: Evaluation of qualification material - Starting November 18, 2010

Section 4.0 SUBMISSION OF QUALIFICATIONS – 5th paragraph should read:

It is the Respondent's responsibility to see that its statement of qualifications is delivered within the time and at the place prescribed. (Last sentence in this paragraph is deleted.)

Q1. Will today's pre-submission meeting sign- up sheet be posted on the purchasing website?

A1. YES

Q2. Are you looking for a specific size of project?

A2. No. The City will expect the successful respondent to determine the most appropriate size for the Rumford and other solar facilities.

Q3. What size is the site of the 5 acres?(Is the available area for the solar facility at Rumford limited to 5 acres?

A3. This is an approximate acreage. The successful responder will be responsible to review detailed maps of the available property and decide on the most effective acreage for the solar facility. The City will provide access to the site and all available topal maps

Q4. You did not specify a PPA price in the RFQ. Are you requiring an actual sale price?

A4. No pricing information is required in responder's submissions.

Q5. Are the MWBE required or goals?

A5. The City of Newton encourages the use of Minority/Women Business Enterprise vendors whenever possible.

Q6. When is the surety bond due?

A6. A surety bond is not required for the purposes of the RFQ. The successful responder will be required to post a bond. Specifics on the amount will be discussed during contract negotiations.

Q7. Is this the first cut of vendors?

A7. Only vendors attending the pre-submission meeting will be allowed to submit an RFQ.

Q8. There is a contradiction on some pages relating to DCAM electrical services? Please clarify. (why exclude Energy Management Services for the Prime contractor).

A8. Vendors must be DCAM certified in either electrical or Energy Management Services.

Q9. What will be the final total (topographical) map?

A9. All available maps will be provided to the successful bidder to aid in the design of the solar facility.

Q10. DCAM certification for electrical will eliminate a lot of people in the room. The electrician maybe DCAM certified not, actual (prime) bidder. Is this a problem?

A10. Vendors must be DCAM certified in either electrical or Energy Management Services.

Q11. What state local permits do we need to pull for this project?

A11. The successful Responder will need to obtain all permits at the time of the construction phase.

Q12. What is the land fill zoning?

A12. Zoning restrictions, if any, for this renewable energy power system project is being researched.

Q13. Is it five (5) acres of usable space?

A13. (see answer to Q3)

Q14. Does the city currently have a power contract?

A14. City, for FY11, has a power purchase agreement with TransCanada.

Q15. Should we be concerned about the dust from the composting area?

A15. The successful Responder will work with the City of Newton to address operational concerns, if any, that may impact power production.

Q16. What is the City paying for electricity.

A16. 7.54 cents/kWh for B2 and T2 commercial accounts (TransCanada).

Q17. Is there information on distribution charges?

A17. See page 24 (Attachment A) of the RFQ paragraph titled "Detailed Historical Energy Database".

Q18. Do you know when all the questions will be answered?

A18. Not applicable

Q19. How much of the five acres will be operational?

A19. This is an approximate acreage. The successful responder will be responsible to review detailed maps of the available property and decide on the most effective acreage for the solar facility. The City will provide access to the site and all available total maps

- Q20. Does the current zoning allow for this type of work?
A20. Zoning restrictions, if any, for this renewable energy power system project is being researched.
- Q21. Will rezoning be required?
A21. Zoning restrictions, if any, for this renewable energy power system project is being researched.
- Q22. Any metering or connection points on this site?
A22. The successful Responder will determine appropriate interconnection point(s) to the NSTAR distribution system.
- Q23. Do you have any idea of Nstar has on the street? I'm not sure of the question.
A23. Medium voltage 3 phase cross-arm construction is on the street.
- Q24. What are the needs or conditions of the 6 buildings?
A24. It is the responsibility of the successful Responder to determine the needs or conditions of the 6 buildings for installation of a solar facility during contract negotiations.
- Q25. Can we visit the site?
A25. A Site visit was held on November 9th immediately following the Pre-submission meeting.
- Q26. What areas are cleared to build upon and what is restricted?
A26. The successful Responder will propose areas to build up in order to maximize the effectiveness of this solar facility power purchase agreement project.
- Q27. There are some areas that are ongoing at the landfill. Could we have those areas staked out for us?
A27. The successful Responder will propose the areas in order to maximize the effectiveness of this solar facility power purchase agreement project.
- Q28. Does the landfill "zoning" restrict the use as a location for a solar facility?
A28. The successful responder will be required to receive all necessary permits.
- Q29. Can the NSTAR interconnection power line be placed on the existing half acre parcel of land that has an outflow pipe that is between Lexington Street and the Landfill just North of the apartment building complex?
A29. Yes. The successful responder will be required to receive all necessary permits.
- Q30. Is a Certificate of Eligibility (DCAM Form CQ-7) required for the EPC subcontractor? If yes, what category does the EPC need to hold a Certificate of Eligibility for?
A30. Subcontractor DCAM certification requirements are based on M.G.L. Chapter 25a 11i and Chapter 149 administrative rules and regulations.
- Q31. Are there limitations on the type or types of solar systems that can be installed at the Rumford Avenue Landfill site? For example, can a ground mounted tracking system be installed?
A31. Respondents should plan the most appropriate, cost-effective and technical installation.
- Q32. Will the electricity produced by the Rumford Avenue Landfill solar photovoltaic system be purchased directly by the City of Newton or will the electricity first be sold to the utility (NSTAR)?
A32. Responders should refer to the first paragraph of Section 7.

Q33. The RFQ refers to “The Project” as the Rumford Avenue Capped Landfill site and the other locations as potential sites for PV. Does the City of Newton plan on entering into PPA agreements with the successful Respondent for the additional sites as well as the Rumford Avenue Capped Landfill site?

A33. Responders should refer to facilities in Section 1, third paragraph as candidates for inclusions in a PPA agreement.

Q34. Page 15, Section 7, 6th bullet – “Respondent’s proposal shall include a plan for the disposition and or assignment of any and all environmental or other attributes (such as SRECS, greenhouse gas offsets (RECS) or forward capacity payments. “ Does this question imply that the city will require that the City will retain the environmental attributes - SRECS, RECS or capacity payments and or other, or is the question in reference as to how the respondent plans to monetize or use the credits, etc?

A34. The City does not intend to retain any of the environmental or other attributes.

Q35. Page 17, Section 3 – Experience in solar Projects – in reference to “information must be provided on experience in the development of solar facilities on landfills and brown fields.” If the PPA provider and their EPC teaming partner meet the requirement of “a minimum of 5 completed projects greater than 250 kW” as outlined in Section 3, but have not completed solar on landfill or brownfield sites, will this disqualify the respondents, or negatively impact the ranking criteria (30 points out of the 100)?

A35. The City will consider experience in landfill based systems an advantage. Respondents that do not have landfill sites will not be disqualified from being considered in the evaluation process.

Q36. Is all the necessary EPA Permits in place to enable solar to be installed on this landfill?

A36. The successful responder will be required to obtain all EPA permits.

Q37. Has the City of Newton conducted the engineering and geotechnical studies to guide the RFP?

A37. The attachment to the RFQ includes several engineering and geotechnical studies.

Q38. When do you expect to issue the RFP?

A38. No RFP will be issued. Refer to Section 10 page 20.

Q39. How many bidders are expected to be selected out of the RFQ process?

A39. The City will select the three highest scoring Respondents, as required by M.G.L. Chapter 25A, 11I and enter into negotiations for a PPA with the highest scoring Respondent in accordance with provisions in Section 10 below (see Section 7 page 19).

Q40. Finally, can we receive the answers 3 days prior to the 11/9/2010 Pre Bid Meeting?

A40. Not applicable

Q41. If it is determined that the Newton Landfill site will not be suitable for the solar project being contemplated under this RFQ- will the City of Newton be issuing a RFP for the (6) Buildings referenced in the RFI?

If we decided not to bid the Landfill Solar PV Project, will we be excluded from bidding on the (6) buildings:

- Newton North High School 457 Walnut Street, 02460-2224
- Newton South High School 140 Brandeis Road 02459
- Bowen Elementary School 280 Cypress Street, 02459
- Countryside Elementary School 191 Dedham Street, 02459
- Newton Lower Falls Community Center 545 Grove Street. 02464
- Newton Community Farm House/Barn 303 Nahanton Street 02459

A41. The City of Newton reserves the right to consider the installation of any of the projects in the RFQ. No RFP will be issued (refer to Section 10 page 20 and M.G.L. Chapter 25A, 11i). If

the respondent determines the landfill site is not suitable, the RFQ does not preclude respondents to be considered for the other projects.

Q42. Is there any pricing information to be included in the RFQ?

A42. Pricing information is not required.

Q43. Neighborhood/Net metering with Newton as the off taker?

A43. YES

Q44. Will the PV array be limited to a specific site at the landfill?

A44. No, but it is expected that the most effective use of the site for the solar installation will be determined by the successful Responder.

Q45. If the specific section of the site is not adequate to meet the output demands/expectations or engineering specifications will additional areas of the landfill be considered?

A45. Refer to Q15 and A15.

Q46. Are there specific, formalized or informal, KW production targets for each of the listed facilities?

A46. NO. It is expected the Respondent will determine the optimal capacity for each of the listed facilities.

Q47. Is there a tentative schedule for commissioning for each of the facilities?

A47. No, but the City is aware of NSTAR's Net Metering Cap and will consider advantageous scheduling which provides for the shortest installation of the facilities. See: www.nstar.com/business/rates_tariffs/interconnections/other.asp

Q48. What category of DCAM certification will be required for this project electrical or energy management services?

A48. RFQ calls for Electrical.

Q49. What is the timing of the bond for the solar contractor in the RFQ? In other words, until the pricing is negotiated, how can we determine the amount of the surety bond?

A49. A surety bond is not required for the purposes of the RFQ. The successful responder will be required to post a bond. Specifics on the amount will be discussed during contract negotiations.

Q50. If the bond is required along with the bid submissions, how much does it need to be? Please issue some clarity for us to proceed on this issue.

A50. A surety bond is not required for the purposes of the RFQ. The successful responder will be required to post a bond. Specifics on the amount will be discussed during contract negotiations.

Q51. Please confirm that the category of work for which the Bidder must be certified also includes Energy Management Services.

A51. Refer to answer to Question 8.

Q52. Please confirm that Five Percent (5%) Bid Surety is not applicable and/or required in submission package.

A52. Refer to answer to Question 8.

Q53. Under a Power Purchase Agreement, the City will not own nor purchase the system. A bonding company cannot provide a bond to an entity that does not own or pay for the capital costs of the constructed system.

A53. A surety bond is not required for the purposes of the RFQ. The successful responder will be required to post a bond. Specifics on the amount will be discussed during contract negotiations.

Q54. Will the City amend the RFQ so that the owner of the system will require all major subcontractors to post a payment and performance bond?

A54. A surety bond is not required for the purposes of the RFQ. The successful responder will be required to post a bond. Specifics on the amount will be discussed during contract negotiations.

Q55. Are MBE percentages stated in RFQ City "goals" or "requirements"? Because material is a disproportionately large cost percentage of these projects, would the City consider a reasonable compliance percentage based on labor only?

A55. The City of Newton encourages the use of Minority/Women Business Enterprise vendors whenever possible. Percentages set by the Commonwealth of Massachusetts are required for all construction and design related projects. The other percentages are goals set by the City of Newton to encourage the use of Minority and Women businesses.

Q56. Will the City take responsibility for clearing the landfill site and make-ready the entire acreage?

A56. The successful Responder and City will determine responsibilities.

Q57. Ameresco would like to request a temporary username and password to access detailed historical energy databases and existing plans as outlined in the RFQ.

A57. Done

Q58. What is the nearest (to the landfill) NSTAR electrical interconnect and voltage?

A58. It is the responsibility of responders to determine nearest (to the landfill) NSTAR electrical interconnect and voltage.

Q59. May we ask questions following the pre-submission meeting and/or site visits?

A59. NO

Q60. Will you accept proposals from a bidder who does not have specific landfill/brownfields installation experience?

A60. YES

All other terms and conditions of this proposal remain unchanged

PLEASE ENSURE THAT YOU ACKNOWLEDGE THIS ADDENDUM ON YOUR BID FORM

Thank you.



Rositha Durham
Chief Procurement Officer

CITY OF NEWTON
Mandatory Pre-Bid Opening
ATTENDANCE FORM

OPENING:

TIME:

DATE:

ROOM:

Newton City Hall

10:00 AM

11/9/2010

203

PROJECT: RFQ for Solar Energy Facilities

INVITATION TO BID:

11-17

DEPT: David Tannozzini

PERSONS NAME

COMPANY

TELEPHONE #

EMAIL ADDRESS

Rick Kilbourne	Constellation Energy	443 257 3751	richard.kilbourne@constellation.com
TOLGA TURKAL	Constellation	215-402-8152	tolga.turkal@constellation.com
HASKELL WELLEN	Solar Power Partners	(617) 519-1024	hwellen@solarpowerpartners.com
John DeVillars	BlueWave Capital LLC	617-470-7297	jd@bluewave.com
Rob Jackson	TEC Companies	(978) 987-2820	rob.jackson@tec.com
Michelle Mulcahy	Alteris Renewables	(781) 325-2804	m.mulcahy@alteris.com
Bill Fitzpatrick	AMERICAN CAPITAL ENERGY	978-944-0011	bfitzpatrick@americancapitalenergy.com
AMRUTA KALVIT	AMERICAN CAPITAL ENERGY	508 542 7091	amruta.kalvit@americancapitalenergy.com
TAD KANE	BORRERO SOLAR SYSTEMS	978 886 8835	tkane@borrerogroup.com
Matt Durette	AMERESCO	508.494.9482	mdurette@ameresco.com
Michele Bernin	AMERESCO	508-598-3030	mbernin@ameresco.com
Andrew Greene	Green Energy Co	781-209-9045	GreenEnergyCo@gmail.com
Beth Masterman	Brightfields Dev	617-725-3858	masterman@libertyschools.org
Ron Kelly	Brightfields Dev	781 823 4124	RKelly@BrightfieldsLLC.com
Ryan Donovan	Windstream Renewable	781-640-1296	RDONOVAN@Windstreamventures.com
Charles Eisenberg	Windstream Renewable Energy	617-901-3378	ceisenberg@windstreamventures.com
JOHN GALLAGHER	Broadway Electrical Co. Inc	617-822-8891	jgallagher@broadwayelec.com
Ron Palenno	Dagle Elec. and Corp.	781-937-7626	rpallenno@daglecorp.com
David Han	Tioga Energy	617-780-7623	dhan@tiogaenergy.com
James Schwartz	Spire Solar	781-275-6000	jschwartz@spiresolar.com
David Tannozzini			
G. Nerys	City		
PETER J. BARRER	City		
CAROL Chafetz	Newton Schools		
Art Cibral	Newton Public Bldgs Dept		
DAVID TIRADO	NEWTON DFW		
Rosetta Durham	Newton CPO		

In accordance with section 30B (5) of the Uniform Procurement ACT. Under Pains and Penalties of Perjury this list is a Complete and Accurate Listing of the above mentioned Bid Opening.

CITY OF NEWTON, MASSACHUSETTS

PURCHASING DEPARTMENT

purchasing@newtonma.gov

Fax (617) 796-1227

November 16, 2010

ADDENDUM #1

REQUEST FOR QUALIFICATIONS #11-17

SOLAR ENERGY FACILITIES

THIS ADDENDUM IS TO: Change to Submittal Date to the following:

**THE SUBMITTAL DATE IS NOW: WEDNESDAY, NOVEMBER 24, 2010 AT
10:00 A.M.**

All other terms and conditions of this proposal remain unchanged

PLEASE ENSURE THAT YOU ACKNOWLEDGE THIS ADDENDUM ON YOUR BID FORM

Thank you.



Rositha Durham
Chief Procurement Officer

CITY OF NEWTON
PURCHASING DEPARTMENT
REQUEST FOR QUALIFICATIONS #11-17

The City of Newton invites sealed submissions from Contractors for

Solar Energy Facilities

Pre Submission Meeting: 10:00 a.m., November 9, 2010 located at Newton City Hall, Room 204

Qualifications will be received until: 10:00 a.m., November 18, 2010

at the Purchasing Department, Room 204, Newton City Hall, 1000 Commonwealth Ave., Newton, MA 02459.

Contract Documents will be available online at the City's website: www.ci.newton.ma.us/bids after: 10:00 a.m., October 4, 2010. Bidders are responsible for downloading the specifications from the City's web site at www.ci.newton.ma.us/bids. Bidders are requested to email the Purchasing Department (purchasing@newtonma.gov) their Company Name, Address, Email address, Phone & Facsimile number and what bid # (i.e. 10-86) they have downloaded.

All General Bids must be accompanied by a copy of a "Certificate of Eligibility" (DCAM Form CQ-7) issued by the Department of Capital Asset Management and Maintenance (DCAM) and a "Contractor Update Statement" (DCAM Form CQ-3). The category of work for which the Bidder must certified is: **Electrical**.

The term of this Contract shall be determined at a later date.

Respondents shall enclose in a sealed envelope three (3) hard copies and one single-file electronic version (in Adobe Acrobat (pdf) format and on a CD-ROM) of the statement of qualifications. The sealed envelope shall be marked with the respondent's company name, and plainly marked in the lower left hand corner:

"Responses to Solar Energy Installations RFQ – Hold for Public Opening."

The successful bidder will be required to furnish a Materials and Labor Payment Bond and a Performance Bond in the amount of 100% of the contract total.

All City of Newton bids are available on the City's website, www.ci.newton.ma.us/bids, Request for Quote. It is the sole responsibility of the contractor downloading these bids to ensure they have received any and all addenda prior to the bid opening. Addenda's will be available online within the original bid document as well as a separate file. If you download bids from the internet site and would like to make it known that your company has done so, you may fax the Purchasing Dept. (617) 796-1227 or email purchasing@newtonma.gov with your NAME, ADDRESS, PHONE, FAX AND REQUEST FOR QUOTE NUMBER.

The City of Newton's Purchasing Dept. converted to an email notification system of all upcoming public bids effective July 1, 2009. If you wish to receive notification of bids, please email us your company information to purchasing@newtonma.gov, otherwise you may view all City of Newton public bids online at www.ci.newton.ma.us/bids.

Any questions regarding the requirements of this contract should be in writing and emailed or faxed to the Chief Procurement Officer at (617) 796-1227 no later than 5:00 p.m. on November 2, 2010.

The City reserves the right to cancel the RFP or to reject in whole or in part any and all RFP if the City determines that cancellation or rejection serves the best interest of the City.

CITY OF NEWTON

Rositha Durham
Chief Procurement Officer

October 4, 2010

CITY OF NEWTON
DEPARTMENT OF PURCHASING
SUBMITTAL FORM #11-17

- A. The undersigned proposes to furnish all labor and materials required in accordance with the Contract Documents supplied by the City of Newton entitled:

Solar Energy Facilities

for the contract price specified below, subject to additions and deduction according to the terms of the specifications.

- B. This quote includes addenda number(s) _____, _____, _____, _____,

Company: _____

- C. The undersigned has completed and submits herewith the following documents:

- ☐ Current Certificate of Eligibility (DCAM Form CQ-7) for Energy Management Services or Electrical
- ☐ Submittal Form, 2 pages
- ☐ Bidder's Qualifications & References Forms, 2 pages
- ☐ Appendix A, Respondent Information Form
- ☐ Appendix B, Certificate of Non-Collusion
- ☐ Appendix C, Attestation Regarding Filing of Tax Returns
- ☐ Five Percent (5%) Bid Surety

- D. The undersigned further certifies under the penalties of perjury that this Request For Qualification is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this paragraph the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from public contracting or subcontracting in the Commonwealth under the provisions of M.G.L. Chapter 29, Section 29F or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

Date _____

(Name of General Bidder)

BY: _____

(Printed Name and Title of Signatory)

(Business Address)

(City, State Zip)

(Telephone)

/ _____
(FAX)

(E-mail address)

NOTE: If the bidder is a corporation, indicate state of incorporation under signature, and affix corporate seal; if a partnership, give full names and residential addresses of all partners; if an individual, give residential address if different from business address; and, if operating as a d/b/a give full legal identity. Attach additional pages as necessary.

END OF SECTION

CITY OF NEWTON

PROPOSER'S QUALIFICATIONS AND REFERENCES FORM

All questions must be answered, and the data given must be clear and comprehensive. Please type or print legibly. If necessary, add additional sheet for starred items. This information will be utilized by the City of Newton for purposes of determining bidder responsiveness and responsibility with regard to the requirements and specifications of the Contract.

1. FIRM NAME: _____
2. WHEN ORGANIZED: _____
3. INCORPORATED? ☒ YES ☐ NO DATE AND STATE OF INCORPORATION: _____
- * 4. LIST ALL CONTRACTS CURRENTLY ON HAND, SHOWING CONTRACT AMOUNT AND ANTICIPATED DATE OF COMPLETION:

- * 5. HAVE YOU EVER FAILED TO COMPLETE A CONTRACT AWARDED TO YOU?
☐ YES ☐ NO
IF YES, WHERE AND WHY?

- * 6. HAVE YOU EVER DEFAULTED ON A CONTRACT? ☐ YES ☐ NO
IF YES, PROVIDE DETAILS.

- * 7. LIST YOUR VEHICLES/EQUIPMENT AVAILABLE FOR THIS CONTRACT:

- * 8. IN THE SPACES FOLLOWING, PROVIDE INFORMATION REGARDING CONTRACTS COMPLETED BY YOUR FIRM SIMILAR IN NATURE TO THE PROJECT BEING BID. A MINIMUM OF FOUR (4) CONTRACTS SHALL BE LISTED. PUBLICLY BID CONTRACTS ARE PREFERRED, BUT NOT MANDATORY.

PROJECT NAME: _____
OWNER: _____
CITY/STATE: _____
DOLLAR AMOUNT: \$ _____ DATE COMPLETED: _____

PUBLICLY BID? ☐ YES ☐ NO

TYPE OF WORK?: _____

CONTACT PERSON: _____ TELEPHONE #: (____) _____

CONTACT PERSON'S RELATION TO PROJECT?: _____

(i.e., contract manager, purchasing agent, etc.)

PROJECT NAME: _____

OWNER: _____

CITY/STATE: _____

DOLLAR AMOUNT: \$ _____ DATE COMPLETED: _____

PUBLICLY BID? ☐ YES ☐ NO

TYPE OF WORK?: _____

CONTACT PERSON: _____ TELEPHONE #: (____) _____

CONTACT PERSON'S RELATION TO PROJECT?: _____

(i.e., contract manager, purchasing agent, etc.)

PROJECT NAME: _____

OWNER: _____

CITY/STATE: _____

DOLLAR AMOUNT: \$ _____ DATE COMPLETED: _____

PUBLICLY BID? ☐ YES ☐ NO

TYPE OF WORK?: _____

CONTACT PERSON: _____ TELEPHONE #: (____) _____

CONTACT PERSON'S RELATION TO PROJECT?: _____

(i.e., contract manager, purchasing agent, etc.)

9. The undersigned certifies that the information contained herein is complete and accurate and hereby authorizes and requests any person, firm, or corporation to furnish any information requested by the City of Newton in verification of the recitals comprising this statement of Bidder's qualifications and experience.

DATE: _____ BIDDER: _____

SIGNATURE: _____

PRINTED NAME: _____ TITLE: _____

END OF SECTION

REQUEST FOR QUALIFICATIONS (RFQ) FOR SOLAR ENERGY FACILITIES

**Rositha Durham, MCPPO
Chief Procurement Officer
City of Newton
1000 Commonwealth Avenue
Newton Centre, MA 02459
617-796-1222
617-796-1227 (fax)**

Response Due: November 18, 2010 @ 10:00 am

City of Newton

REQUEST FOR QUALIFICATIONS (RFQ)

For

SOLAR ENERGY FACILITIES

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1.0 GENERAL

The City of Newton (the City) is hereby soliciting statements of qualifications under M.G.L c. 25A, § 11i, from solar energy developers (Respondent(s)) for the provision of the following services:

- Finance, engineer, procure, construct, maintain and operate a ground based PV system at the Rumford Ave capped landfill site located at the Rumford Avenue Resource Recovery Center, 145 Rumford Ave, 02466-1311 (the Project):www.newtonma.gov/dpw/recycling/depot/depot.htm
- Assist the City in the evaluation of additional sites for solar energy facilities. The City has identified as prime candidates the following buildings which have new roofs:
 - Newton North High School 457 Walnut Street, 02460-2224
 - Newton South High School 140 Brandeis Road 02459
 - Bowen Elementary School 280 Cypress Street, 02459
 - Countryside Elementary School 191 Dedham Street, 02459
 - Newton Lower Falls Community Center 545 Grove Street. 02464
 - Newton Community Farm House/Barn 303 Nahanton Street 02459

The City intends to enter into a Power Purchase Agreement (PPA) for the purchase of solar energy from the Project and from any other solar installations following successful negotiations with the best qualified Respondent to this RFQ (the Contractor). The Contractor shall be the sole owner of the solar facility and thereby primarily and contractually responsible for the financing, design, engineering, permitting, procurement, construction, testing and operation and maintenance of the facility and its interconnection.

The City is located in Middlesex County, in the Eastern section of Massachusetts bordered on the southeast by Needham, on the west by Wellesley and Weston, on the south by Waltham and Watertown, on the East by Brookline and Boston on the southeast. The City is located about 7 miles from downtown Boston and 31 miles from Worcester. It has a land area of about 18 sq. miles and a population of about 80,000 people

The Rumford Avenue Capped Landfill is an approximate 12 acre site located on the northern edge of the City bordering the City of Waltham in the village of Auburndale (see attachment B for additional information). It is currently a working operations site for the Department of Public Works as allowed in the Post Closure Agreement dated May 1997.

The Respondent to this RFQ is required to demonstrate qualifications in identifying, assessing, planning, designing, financing, installing, owning, operating and maintaining solar power electric generation facilities. The Respondent shall also be required to submit qualifications of any entity with which it intends to subcontract all or any work associated with the solar installation(s).

All questions concerning this RFQ including general information, instructions, etc should be addressed to:

Rositha Durham, MCPPO
Chief Procurement Officer
City of Newton
1000 Commonwealth Avenue
Newton Centre, MA 02459
617-796-1222
617-796-1227 (fax)
purchasing@newtonma.gov

2.0 PRE-SUBMISSION CONFERENCE

A mandatory pre-submission conference is scheduled for **November 9 at 10:00 am** in Room 204, Newton's City Hall. Only prospective Respondents attending the conference will be permitted to submit qualifications.

Visits to the Rumford Ave landfill site, the four school buildings, Lower Falls Community Center and Newton Community Farm House and Barn will be offered at the conclusion of the conference.

3.0 PROJECTED SELECTION TIMELINE

The following schedules will apply subsequent to the issuance of the RFQ

(a) Receipt of questions from Respondents	November 2, 2010
(b) Submission by city of answers to questions	November 9, 2010
(c) Receipt of qualifications from Respondents	November 18, 2010
(d) Public opening	November 18, 2010
(e) Evaluation of qualification material	Starting November 18, 2010
(f) Selection of most qualified respondent	Starting November 30, 2010

4.0 SUBMISSION OF QUALIFICATIONS

One (1) copy of this RFQ will be furnished to Respondent(s) who attend the pre-submission conference. It is the Respondent's responsibility to check prior to the Public Opening for any updates issued as a result of questions or changes needed in this RFQ

Qualifications from Respondent(s) submitted in accordance with requirements specified in this RFQ must be included in a sealed package addressed to:

Rositha Durham, MCPPO, Chief Procurement Officer
Newton City Hall
1000 Commonwealth Avenue
Newton Centre, MA 02459

Before submitting a statement of qualifications, Respondent shall be responsible for obtaining such additional studies and data concerning conditions (surface, subsurface etc.) at the Rumford landfill site as deemed necessary in order to develop a statement of qualifications to undertake the solar Project in accordance with the terms and conditions of this RFQ. The City staff will facilitate access to the Project site and provide any available information it deems relevant to the investigation.

The Respondent shall enclose a cover letter with the signature, name, and title of the person authorized to meet with the City staff during the evaluation process and subsequently during contract negotiations.

Respondent shall also enclose in a sealed envelope three (3) hard copies and one (1) single-file electronic version (in Adobe Acrobat (pdf) format and on a CD-ROM) of the statement of qualifications. The sealed envelope shall be marked with the respondent's company name, and plainly marked in the lower left hand corner:

"Response to Solar Energy Installations RFQ - Hold for Public Opening."

It is the Respondent's responsibility to see that its statement of qualifications is delivered within the time and at the place prescribed. No qualifications shall be opened by the City until the time set for the "Public Opening"

All qualifications should be written in ink or typed. If there is any correction with whiteout, the person signing the statement of qualifications must initial the correction.

A Respondent filing a statement of qualifications thereby certifies that (1) no officer, agent, or employee of the City of Newton has a pecuniary interest in the statement of qualifications; (2) the statement of qualifications is made in good faith without fraud, collusion, or connection of any kind with any other prospective respondent for the same RFQ, and (3) the prospective Respondent is competing solely on its own behalf without connection with, or obligation to, any undisclosed person or firm.

The right is reserved, as the interest of the City may require, to reject any or all qualifications, to waive minor technical defect or informality in qualifications received, and to accept or reject any qualifications or portion thereof.

5.0 GENERAL TERMS AND CONDITIONS

- Sealed qualifications will be accepted by the City of Newton until 10:00am on November 18, 2010 as per schedule in Section 3(c) above and will then be publicly opened in the presence of at least two witnesses. The City will prepare a register of responses available for public inspection.
- The response must contain the name and proper address of the Respondent, be signed by a responsible member of the Respondent with his/her signature and official title (see Appendix A).
- Except as otherwise provided in this RFQ, responses that are incomplete, contain any omissions, erasures, alterations, additions or irregularities of any kind may be rejected.
- The City's Purchasing Department shall decide when the specified time has arrived to open responses and no response received thereafter will be considered.
- Any Respondent may withdraw or modify its response by written request at any time prior to the established time of the Public Opening. Telephone responses, amendments or withdrawals will not be accepted.
- After the Public Opening, a Respondent may withdraw, but may not modify its response except in a manner that is not prejudicial to the interest of the City or to fair competition. Negligence on the part of the Respondent in preparing the response confers no rights for the modification of the response after it has been opened.
- Responses received prior to the Public Opening will be securely kept unopened. No responsibility will attach to an officer or person for the premature opening of a response not properly addressed and identified.
- Any deviation from the requirements of this RFQ must be noted in writing and attached as a part of the response. The Respondent shall indicate the item or part with the deviation and indicate how the response deviates from the requirements.
- Any Respondent taking exception to or questioning any of the provisions, procedures, conditions, or specifications herein stated should make such exceptions known to the Purchasing Department, in writing, by December 10 2010.
- Any change or interpretation made as a result thereof will be mailed or emailed to all prospective Respondents. Should a Respondent still not be satisfied, the Respondent may, in the response, set out and stipulate the exception, with enough explanation to be understood by the City. The City may, at its discretion, accept or reject any or all exceptions.
- The City may in its discretion waive any and all informalities or allow the respondent to correct them.

6.0 STATEMENT OF QUALIFICATIONS

Submission of a statement of qualifications shall be conclusive evidence that the Respondent has examined the Project site(s) and is familiar with all the conditions of this RFQ. Upon finding any omissions or discrepancy in this RFQ, the Respondent shall notify the City immediately so that any necessary addenda may be issued. Failure of the Respondent to completely investigate the Project site(s) and/or to be thoroughly familiar with the conditions of this RFQ shall in no way relieve the Respondent from any obligation with respect to its statement of qualifications.

The Respondent's statement of qualifications must consist of the following documents:

- (a) Documentation evidencing that the Respondent is responsible, demonstrably possessing experience, skill, ability and integrity necessary to faithfully perform the work required by a particular contract, based upon a determination of competent workmanship and financial soundness in accordance with M.G.L. c. 149, § 44D.
- (b) All certificates of eligibility and update statements required pursuant to M.G.L. c. 25A, § 11I.
- (c) Certification of financial interest disclosure and of non-collusion, signed and submitted on the form attached to this RFQ as Appendix B
- (d) Certification of compliance with the state of Massachusetts tax laws, reporting of employees and contractors, and withholding, as required by M.G.L. c. 62C, § 49A, signed and submitted on the form attached to this RFQ as Appendix C
- (e) Letter of transmittal, signed by an individual authorized to bind the Respondent contractually, certifying that the Respondent will, if selected to negotiate the contract with the City, be prepared to promptly and actively participate in such negotiations.
- (f) Certification that the Respondent, if ultimately awarded a contract, will guarantee completion of all work required within due dates or the time periods needed.

(g) Demonstration of the Respondent's willingness and ability to comply with the following expected contractual requirements if said Respondent is awarded a contract by the City:

Any contract resulting from this RFQ shall meet the requirements set forth in M.G.L. c. 25A, § 11I and will include, to the extent required by the City, the City's standard contract terms

- Surety Bond. Provide a surety bond equal to 5% of the contract price
- Insurance. Provide the City with proof of insurance as stipulated in the sample contract of Appendix B. The City of Newton must be named as an additional insured.
- Prevailing Wages. To the extent applicable, demonstrate compliance with Massachusetts's "prevailing wage" laws.
- Subcontracting. Except to the extent permitted in the contract, the contract will prohibit assignment or subcontracting without the City's express prior approval.
- Indemnification. Hold harmless and indemnify the City of Newton and its officers, agents and employees against all claims, demands, actions and suits (including all attorneys' fees and costs) brought against any of them arising from the contractor's work or any subcontractor's work under the contract.
- Compliance with Laws. Compliance with all federal, state and municipal laws, ordinances, rules and/or regulations, including labor laws and laws against employment discrimination.
- Governing Law. All contracts entered into by the City shall be governed by the Laws of the State of Massachusetts. Any disputes shall be resolved within the venue of the State of Massachusetts.

7.0 CONTRACTUAL MATTERS

- Subject to successful negotiations, the selected Respondent (the Contractor) and the City will enter into a solar Power Purchase Agreement (PPA pursuant to which the Contractor will: (a) obtain from the City the right to install, operate and maintain the System on the Premises, and (b) sell electric power generated by the System to the City at a contractually agreed upon rate. The City reserves the right to include a “not to exceed” rate as part of a contractually agreed upon rate.
- The Contractor will be responsible for designing, financing, operating and maintaining the System, and obtaining all necessary permits and approvals (e.g., building permits).
- The Contractor will be responsible for interfacing with NSTAR for all matters required for the interconnection of the solar facility to the NSTAR grid. (metering, protection, extension of distribution lines for connecting the solar facility to the distribution grid)
- At the end of the contractual term, the Contractor may be required to remove the solar facilities. However the City reserves the right to negotiate with the Contractor buy-out options for purchasing the facilities prior to the contractual term or for extending the duration of the Contract. The City intends to hire a consultant for owner’s agent services.
- The contract will include a requirement for the posting of a financial assurance mechanism to ensure that the facilities are removed if the City decides on this course of action such as a bond or letter of credit.
- It is expected that the Contractor will pursue financing incentives that are available and/or may become available in the future. Accordingly, the Respondent’s proposal shall include a plan for the disposition and/or assignment of: (a) any environmental or other attributes (such as: SRECs, greenhouse gas offsets (REC’s), or forward capacity market payments), (b) any tax credits, accelerated depreciation or other such incentives and (c) any grants or rebates. It is expected the Contractor will provide the value of these incentives during Contract negotiations.
- The Respondent’s proposal shall include a plan to collect energy data at the facilities to assist the City in evaluating the performance of the solar PV system(s). The Respondent’s plan to collect energy data shall include Revenue Grade meters and data acquisition system technology for billing, monitoring and verification.
- The Respondent’s proposal shall include a plan for how it will allocate any financial impacts on its Price Proposal caused by changes in financial incentives (availability of SRECs, reduction of federal and/or tax incentives, market value of carbon RECs, etc.)

8.0 ROLE OF THE CITY

To facilitate the Contractor in the execution of the Project(s), the City will endeavor in its best ability to:

- Provide reasonable access to City-owned properties and buildings to obtain data (whether required or reasonably requested by the contractor);
- Grant the Contractor sufficient access and occupancy rights to undertake the Project at the Premises. In this context, the City will require the Contractor to enter into a “Solar Site Lease Agreement” which will form part of the PPA. The Agreement will define the terms and conditions for the lease of the Rumford landfill site.
- Provide access for the assessment of sites and, for those sites selected for development, the installation, maintenance, and ongoing operation of the System;
- To the extent reasonable and appropriate, provide information/assistance to the Contractor in securing any remaining permits for the Project, including but not limited to local board approvals.
- Cooperate with the Contractor to the extent reasonable and appropriate on remaining issues with respect to site assessment, access, and facility construction and interconnection.

9.0 EVALUATION OF QUALIFICATIONS

Respondent is required to submit specific information outlined in Sections 1-7 below.

Information submitted as outlined in Sections 1-7 and conformity with all other conditions in the RFQ will form the bases for evaluation and ranking of submissions received in response to the RFQ. *(Note: If Responder intends to subcontract all or some of the work, Responder must also include similar information for all intended subcontracts; individual or Engineer/ Procure/ Construct (EPC) firms.*

Section 1: General

- All documents listed in the STATEMENT of QUALIFICATIONS (see page 7).
- All information in Appendices A, B and C.
- Annual report or audited financial statement
- Department of Capital Asset Management (DCAM) Certificate of Eligibility for the Contractor responsible for the installation of the solar facilities.
- DCAM Update Statement
- Certificate of Insurance: Respondent must provide evidence of insurance limits including those for subcontractors EPC or otherwise. Insurance limits should include, but not limited to: Commercial General Liability, Professional liability, Workers’ Compensation and any Umbrella/Other coverage.

Section 2: Company Profile

- Year founded and number of continuous years in business
- Number of employees at time of submittal
- Corporate office locations
- Office locations in Massachusetts

Section 3: Experience in Solar Projects

- Respondent must demonstrate successful contractual experience in large solar projects. Specific information must be provided on currently operating non-residential grid-connected PV systems greater than 250 kW DC which have been commissioned within the past three years. A minimum of five (5) completed projects must be listed and must include the following information:
 - (a) System size (kW DC)
 - (b) Host Customer's and/or Owner's name with contact person, email address and phone number.
 - (c) Date completed and location
 - (d) Any other installation-specific information that may be relevant

Additionally, Respondent is required to describe any currently contracted, yet incomplete, projects and provide information as per (a) to (d) above.

- Information must be provided on experience in the development of solar facilities on landfills and/or brownfields. Completed or currently contracted projects should be highlighted with specific technical information and client contacts.
- Respondent must demonstrate experience in the System Performance Monitoring and Operation and Management (O&M) of large solar facilities. In this context, the Respondent is required to provide specific experience with Data Acquisition Systems (DAS) and also provide a list and detailed specific information on solar systems that are currently under O&M contract with the Respondent.
- Respondent must show qualifications for identifying other possible sites and assessing the benefits to the City of including them as potential future installations.

Section 4: Project Team

- A detailed Organization Chart of the Project Team: Respondent must specify the role of each key member in the Project team if Responder is selected to execute the Project(s) (e.g.: site assessment, facility design, installation, procurement, O&M etc). Respondent must also include detailed resumes of the intended Project Manager and of all key members of the project team including subcontractors (EPC or otherwise)

For subcontracted work (EPC or otherwise) Respondent shall list all relevant MA Contracting Licenses held, including classification and number, Also required is information on professional engineering licenses (civil, mechanical, electrical, structural)

Section 5: Sample Contract

The Respondent is required to include in this section a sample pro-forma PPA contract which would form the basis for future negotiations. A State approved sample pro-forma PPA contract will be considered as an alternative.

Section 6: Special Design/Contractual matters including guarantee of level of generation (adjusted for weather) and City protection from additional costs due to system failure.

The Respondent shall include with their submissions the following information:

- The general bases for determining the kW rating and the guaranteed annual energy (kWh) to be delivered by (a) the Rumford Ave landfill solar project and by (b) roof-mounted solar facilities.
- The bases for (a) determining the market value of the Rumford solar facility if the City decides to enter into negotiations for purchasing the facilities prior to the contractual term or for (b) extending the duration of the Contract.
- The basis for establishing a credit to the City if the annual energy output of the solar facility is less than the contractual guaranteed minimum.
- The bases for the determination of (a) contractual kWh selling rate,(b) annual degradation factor, and (c) annual escalation percentage to be applied to the kWh rate
- The bases for determining fair market value of the solar facilities---both ground-based and roof-mounted--at the end of the contractual term or at any time prior to that date
- A clear statement of costs, if any, for which the City would be responsible for the Rumford Ave project. (e.g. distribution lines to connect to the NSTAR grid, fences around the landfill site)
- A clear statement of any other inputs required from the City to enable the successful Respondent to develop its PPA

Section 7: Preliminary Project Schedule

The Table below identifies key milestones for the Project. The Respondent is required to provide expected dates for their completion.

Milestone	Number of Months after Execution of Contract
Completion of civil works	
Completion of procurement of equipment	
Completion of system design	
Completion of construction	
Connection to the grid	
Testing	
Commercial operation	

The Respondent is required to provide a description of the methods to be used for project scheduling and control for both ground based and roof based solar facilities. Software programs to be used for this purposed need to be clearly identified. Also Respondent should provide a typical example of a progress report issued for a large ground based solar facility and a roof mounted facility.

Ranking of Respondents' Qualifications

The City will appoint a selection committee to formally evaluate each response to the RFQ. Respondent may be contacted to provide information/clarifications during the evaluation process.

Respondent information provided in accordance **9.0 Evaluation of Qualifications** will be ranked in accordance with the following grading criteria:

<u>Qualification Data</u>	<u>Point Value</u>
Overall quality of presentation	5
Section 1	5
Section 2	10
Section 3	30
Section 4	15
Section 5	10
Section 6	15
Section 7	10
TOTAL	100

The City will select the three highest scoring Respondents, as required by M.G.L. Chapter 25A, 11i and enter into negotiations for a PPA with the highest scoring Respondent in accordance with provisions in Section 10 below.

10: CONTRACT NEGOTIATIONS

- **General**

If the City and the highest scoring Respondent are unable to negotiate a satisfactory PPA which the City determines to be fair, competitive, and reasonable, the City shall formally terminate negotiations with the highest scoring Respondent. The City shall then enter into negotiations with the second highest scoring Respondent. Failing accord with the second highest scoring Respondent, the City shall terminate negotiations with this Respondent, and undertake negotiations with the third highest scoring Respondent. If the City cannot negotiate a satisfactory contract with any of the selected Respondents, the City may select additional qualified providers who responded to the Request for Qualifications, in order of competence and qualifications, and continue negotiations in accordance with M.G.L. Chapter 25A, 11i.

- **Data required from highest scoring Respondent**

During contract negotiations, the selected Responder would be required to provide the following information for the specific solar facilities which the City will have identified from those listed on Page 3 of this RFQ.

- A conceptual drawing of each identified solar facility clearly delineating the area used for solar panels
- A specification of major materials to be used (solar panels, inverters etc)
- A projected project schedule showing important milestones
- The kW rating for each facility and the guaranteed annual electric output (Note: these guaranteed values are required to be clearly identified in the PPA)
- A description of the facilities required to connect the solar projects to the NSTAR distribution lines.
- A proposed PPA (Note: the selected Responder may provide alternative energy selling rates for consideration by the City. For example a higher starting rate and a lower escalation rate)
- Other relevant information as required and requested

- **Duration of Negotiations**

The City plans to start negotiations with the highest scoring Respondent soon after the completion of the selection process. The City will allow up to six weeks for the highest scoring Respondent to assemble information listed above; information which will form the bases for subsequent negotiations.

APPENDIX A
RESPONDENT INFORMATION FORM

TO: Rositha Durham, MCPPO
Chief Procurement Officer
City of Newton
1000 Commonwealth Avenue
Newton Centre, MA 02459

The undersigned has read the Request for Qualifications (RFQ) and has carefully examined all specifications/ evaluation criteria therein. The undersigned certifies that there are no known obstacles to prevent the prompt negotiation and execution of an agreement with the City of _____. The undersigned acknowledges that the City of _____ may reject all qualifications, or waive portions of the RFQ for all qualifications, if it deems it in the best interests of the public.

Signature: _____

Name: _____

Title: _____

Respondent Information

Name of Respondent: _____

Address: _____

Name of Primary Contact: _____

Title of Primary Contact: _____

Primary Contact Phone Number: _____

Primary Contact Fax Number: _____

Primary Contact Email Address: _____

APPENDIX B
CERTIFICATE OF NON-COLLUSION

The undersigned certifies, under penalties of perjury, that this statement of qualifications has been made and submitted in good faith and without collusion or fraud with any other person.

As used in this certification, the word “person” shall mean any natural person, business, partnership, corporation, union, committee, club or other organization, entity, or group of individuals.

(Signature)

(Name of person signing qualifications)

(Name of business)

APPENDIX C
ATTESTATION REGARDING FILING OF TAX RETURNS

TO: Rositha Durham, MCPPO
Chief Procurement Officer
City of Newton
1000 Commonwealth Avenue
Newton Centre, MA 02459

Pursuant to M.G.L. c. 62C, § 49A, I certify under the penalties of perjury that the undersigned respondent, to the best of his/her knowledge and belief, has filed all state tax returns and paid all state taxes required under law.

Social Security Number or
Federal Identification Number

Signature of Individual or Officer

Date

Name of Corporation

ATTACHMENT A

TECHNICAL INFORMATION

RUMFORD AVENUE RESOURCE RECOVERY CENTER, NORTH and SOUTH HIGH SCHOOLS, BOWEN and COUNTRYSIDE ELEMENTARY SCHOOLS, LOWER FALLS COMMUNITY CENTER and NEWTON COMMUNITY FARM HOUSE AND BARN

Facility Profiles:

The City of Newton is located in Middlesex County, in the eastern section of Massachusetts bordered on the southeast by Needham, on the west by Wellesley and Weston, on the north by Waltham and Watertown, on the east by Brookline and Boston, and by Boston on the southeast. Newton is about 7 miles from downtown Boston and 31 miles from Worcester. The most recent population figure was approximately 80,000 persons and the city has a land area of 17.90 square miles. It is considered part of the Boston Metropolitan Area. (www.ci.newton.ma.us/demographics.htm).

1) Public Buildings of the City of Newton

Please see attached list at the end of this document.

www.ci.newton.ma.us/bids

Detailed Historical Energy Database

Respondents are able to access electric energy databases which require a temporary username and password. Respondents will be provided links to databases and are encouraged to provide an email address to send this information. Contact:

Rositha Durham, MCPPO
Chief Procurement Officer
Newton City Hall
1000 Commonwealth Avenue
Newton Centre, MA 02459
purchasing@newtonma.gov

2) Time of Use Interval Data

Respondents are able to access Nine (9) NSTAR TOU Excel Worksheet files (each approximately 700K file size). Respondents requesting a username/password for the above database access will be sent an email with these worksheet files as attachments.

3) Utility Authorization Forms

Respondents can obtain additional records from NSTAR. The City of Newton will authorize NSTAR to release information. All NSTAR charges will be the Respondent's responsibility. Send a completed Massachusetts Utility Release form to:

Rositha Durham, MCPPO
Chief Procurement Officer
Newton City Hall
1000 Commonwealth Avenue
Newton Centre, MA 02459
purchasing@newtonma.gov

4) Reports (# of remaining pages of attachment A dependent on info links below

Respondents are able to access reports prepared by:

Rumford Avenue by CMD

Demand Energy Institute, 2009, Energy modeling of the (new) Newton North High School located at 475 Walnut Street, 02460

Zapotec Engineering, 2005, Energy modeling of the (new) Newton South High School.

Respondents requesting a username/password for the above "Detailed Historical Energy Database" access will be sent an email with links to web-based reports.

All questions concerning the above contact:

Rositha Durham, MCPPO
Chief Procurement Officer
Newton City Hall
1000 Commonwealth Avenue
Newton Centre, MA 02459
617-796-1222
617-796-1227 (fax)
purchasing@newtonma.gov

6) Plans and Drawings

Respondents are able to access plans for the RUMFORD AVE LANDFILL/RECYING CENTER, NORTH and SOUTH HIGH SCHOOLS, BOWEN and COUNTRYSIDE ELEMENTARY SCHOOLS, LOWER FALLS COMMUNITY CENTER and NEWTON COMMUNITY FARM.

Respondents requesting a username/password for the above "Detailed Historical Energy Database" access will be sent an email with links to web-based plans and drawings.

All questions concerning the above contact:

Rositha Durham, MCPPO
Chief Procurement Officer
Newton City Hall
1000 Commonwealth Avenue
Newton Centre, MA 02459
617-796-1222
617-796-1227 (fax)
purchasing@newtonma.gov

CITY OF NEWTON

MINORITY/ WOMEN BUSINESS ENTERPRISE PLAN

DECEMBER 1, 1999

STATEMENT OF POLICY:

Whereas it is the policy of the government of the United States of America, the Commonwealth of Massachusetts and the City of Newton that no person shall be discriminated against in any manner whatsoever on the grounds of race, religion, color, sex, handicap or national origin; and

Whereas, it is the policy of the government of the United States of America that no person shall, on the grounds of race, color, sex or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program of activity funded entirely or in part by the City, the State or Federal government; and

Whereas, it is the policy of the government of the United States of America to encourage that Minority/Women Business Enterprises shall have the maximum practicable opportunity to participate in Federal and State assisted projects; and all City funded contracts; and

Whereas, it is the policy of the City of Newton to encourage that minority/women business enterprises shall have the maximum practicable opportunity to participate in all City funded contracts; and

Whereas, the City of Newton, as a recipient of Federal and State funds subscribes to the above policies and will fully comply With Federal, State and local laws and directives governing non-discrimination, equal opportunity and affirmative action in all municipal activities; and

Whereas, to further enunciate the equal opportunity policy of the City of Newton's Minority/Women Business Program, the following responsibilities are specified

This MINORITY/ WOMEN Business Enterprise Plan sets forth the administrative standards for the further implementation of the City of Newton's policy of the utilization of minority contractors and subcontractors.

The City of Newton strongly affirms that it will not discriminate in any contractual procedures against any persons because of race, color, religion, age, disability, sex or national origin. This policy shall be administered with a positive supportive attitude.

It is the responsibility of the City of Newton to take affirmative steps to implement this policy to insure equality of opportunity in conducting the Program including notifying those persons and businesses doing business with the City, that contracts for goods, services and construction, shall be made Without reference or regard to race, color, sex, age, handicap, religion or national origin.

Setti D. Warren Mayor

CITY OF NEWTON
MINORITY/ WOMEN BUSINESS ENTERPRISE PLAN

DECEMBER 1, 1999

I. DEFINITIONS:

A. Minority Person- the term includes a person who is of Black Hispanic, Asian, American Indian or Cape Verdean origin.

B. Minority Business Enterprise (MBE) -- the term shall mean a business a) that is certified by SOMWBA; or b) 1 provides evidence satisfactory to the City's Affirmative Action Officer that it is a business owned or controlled by one or more of the following:

- an individual who is a minority person,
- a partnership or joint venture controlled by minority persons in which at least 51 % of the ownership interest is held by minority persons or,
- a corporation or other entity controlled by minority persons and in which at least 51 % of the stock is owned by one or more minority persons.

C. Contract Compliance Officer - the Chief Procurement Officer or his/her designee responsible for the implementation of Newton's Minority/Women Enterprise Plan ("MWBE Plan") and activities.

D. MCAD - Massachusetts Commission Against Discrimination.

E. SOMWBA -- State Office of Minority/Women Business Assistance,

F. City - The City of Newton.

G. Women Business Enterprise (WBE) - the term shall mean a business a) that is certified by SOMWBA; or b) provides evidence satisfactory to the City's Affirmative Action Officer that it is a business owned or controlled by one or more of the following:

- an individual who is a woman.
- a partnership or joint venture controlled by women in which at least 51% of the ownership interest is held by women, or
- a corporation or other entity controlled by women and in which at least 51% of the stock is owned by one or more women.

H. MWBE – Minority or Women Business Enterprise

II. GOALS:

Newton's Minority/Women Enterprise Plan ("MWBE Plan") shall be guided by the goals presented below to promote minority/women opportunities within the City.

These goals comprise the framework for those activities to be implemented as part of the MWBE Plan:

To take affirmative action in expanding opportunities for minority and women owned firms in obtaining contracts within the City of Newton.

To assure that all contractors, regardless of race color, religion, creed, national origin, sex, age, ancestry or handicap, shall have equal opportunity to City contracting activities.

To award, of the total annual City contract dollars expended, 10 percent to MBE and 5 percent to WBE for construction; for goods and services, 5 percent WBE and 5 percent MBE.

III. SOLICITATION ACTIVITIES:

To notify MWBEs of upcoming contracts for construction, professional services and supplies, funded in whole or in part with Federal, State, and City funds, the following activities will be undertaken. In addition on a regular basis, the City of Newton will distribute to its listing of MWBEs and SOMWBA, a summary of upcoming contract opportunities which are subject to the City's MWBE Plan.

A. Construction Contracts

All construction contracts with an estimated value over \$50,000 will be formally advertised within local, regional, minority and special interest publications at least 14 days prior to the bid opening date.

For all such construction contracts a "Notice of Solicitation" of a project going out to bid will be distributed to appropriate SOMWBA or City certified firms at least 14 days prior to the bid opening date.

B. Contracts for Professional Services

SOMWBA or City certified firms Responding MWBE firms will be considered for contract award within the bounds of generally accepted management practice or with the applicable procurement law relating to securing the lowest cost and best services available.

C. Procurement of Supplies

The City of Newton will (where feasible) utilize MWBEs for the procurement of supplies in accordance with City purchasing procedures. These efforts will be documented and reported to MCAD, and the Mayor's office on a quarterly basis.

IV. CONSTRUCTION ACTIVITIES:

A. Goals

The City of Newton bid documents and contracts with an estimated value over \$50,000 will contain the City's goal of 10% for MBE and 5% for WBE utilization for subcontracts,

B. Pre-Bid Conference

To affirmatively further the opportunities available to prospective bidders, the City will hold a pre-bid conference 5-7 days prior to the bid opening date for all City construction contracts and subcontracts with an estimated value over \$50,000.

The pre-bid conference will provide an opportunity for contractors to: review and clarify the technical requirements of the projects, review the City's MWBE Plan; and review Equal Opportunity requirements. The City will advertise this conference and extend invitations to interested contractors as part of the notice of solicitation.

C. Bid Submission

All bids for City of Newton contracts with -an estimated value over \$50,000 shall include a certification of intent to be completed by the bidder swing his/her intent to comply with the City's MWBE Plan. Failure to include this certification shall be an informality which may be waived if such certification is received prior to the award of the contract.

D. Contract Execution

Upon notification of award of the contract, the bidder shall provide a written plan detailing how it will comply with the MWBE Plan

E. Monitoring

Throughout the duration of the contract, the City of Newton through its Contract Compliance Officer, will monitor the progress and activities of all contractors and subcontractors as they attempt to comply with the MWBE Plan.

F. Enforcement

In the case of clear neglect to make a good faith effort to comply with this MWBE Plan, the City of Newton reserves the right to designate contractor, after a hearing, as ineligible for future City bid awards.

V. CONTRACT COMPLIANCE OFFICER/DUTIES AND RESPONSIBILITIES:

The Contract Compliance Officer, as liaison between minority firms and the City of Newton will have the overall responsibility for the implementation of Newton's MWBE Plan. This responsibility includes the development, management, dissemination of information; the provision of technical assistance to minority firms including clarification of procedures to be implemented; maintenance of relevant documentation; completion of reporting requirements; and performance of monitoring and evaluation activities; and maintenance and updating of listings of minority/women business.

The Contract Compliance Officer has oversight of all City procurements for construction, professional services and supplies and shall coordinate the implementation of the MWBE Plan with other City departments.

THE CITY OF NEWTON, MASSACHUSETTS
SUPPLEMENTAL EQUAL EMPLOYMENT OPPORTUNITY
ANTI-DISCRIMINATION AND AFFIRMATIVE ACTION PROGRAM

- I. The requirements hereinafter set forth apply to construction contracts which involve an expenditure by the City of \$50,000 or more.
- II. For purposes of this contract "minority" refers to Asian Americans, Black, Hispanics American Indians and Cape Verdeans. The City refers to the- City of Newton
- III. During the performance of this contract the Contractor and all of (his) Subcontractors (hereinafter collectively referred to as the Contractor) , for himself, his assignees, and successors ,in interest, agree as follows:
 1. In connection with the performance of work under this contract, the Contractor shall not discriminate against any employee or applicant for employment because of race, color, religious creed, national origin, age or sex. The aforesaid provision shall include, but not be limited to, the following: layoff; termination; rates of pay or other forms of compensation; conditions or privileges of employment; and the selection of apprenticeship. The Contractor shall post hereafter in conspicuous places, available for employees and applicants for employment, notices to be provided by the City setting forth the provisions of the Fair Employment Practices Law of the Commonwealth (MGL Chapter 151B). (See Attachment A)
 2. In connection with the performance of work under this contract, the Contractor shall undertake in good faith, affirmative action measures designed to eliminate any discriminatory barriers in the terms and conditions of employment on the grounds of race, color, religious creed, national origin, age or sex, and to eliminate and remedy any effects of such discrimination -in the past. Such affirmative action shall entail positive and aggressive measures to ensure equal employment: opportunity in the areas of hiring, upgrading, demotion or transfer, recruitment, Layoff or termination, rate of compensation, and in-service or apprenticeship training programs. This affirmative action shall include all action required to guarantee equal employment opportunity for all persons, regardless of race, color, religious creed, national origin, age or sex. A purpose of- this provision is to ensure to the fullest extent possible an adequate supply of skilled tradesmen for this and future City public construction projects
- IV.
 1. As part of this obligation of remedial action under the foregoing section, the contractor shall maintain on this project a not less than 5 percent ratio of minority employee man hours to total man hours in each job category, including, but not limited to, bricklayers, carpenters, cement masons, electricians, ironworkers, operating engineers, and those "classes of work" enumerated in Section 44C of Chapter 149 of the Massachusetts General Laws.
 2. In the hiring of minority journeymen, apprentices, trainees and advanced trainees, the Contractor shall rely on referrals, from the Contractor's affirmative action program approved by the City, traditional referral methods utilized by the construction industry, and referrals from agencies, not more than three in number at any one time, designated by the Liaison Committee or the City.
- V.
 1. At the discretion of the City, there may be established for the life of this contract a body to be known as the Liaison Committee, The Liaison Committee shall be composed of the Compliance Officer and one representative each from the Departments administering this project, hereinafter called the administering Departments, and such other representatives as may be designated by the City.
 2. The Contractor (or, his/her agent, if any, designated by him/her as the onsite equal employment opportunity officer) shall recognize the Liaison Committee as the affirmative action body, and shall establish a continuing working relationship with the Liaison Committee on all matters related to minority recruitment, referral, employment and training.
 3. The Contractor shall prepare manning tables on a quarterly basis.* These shall be broken down into projections, by week, for workers required in each trade. Copies shall be furnished one week in advance of the initiation of work and quarterly thereafter to the City and to the Liaison Committee.
 4. Records of employment referral orders, prepared by the Contractor, shall be made available to the City and to the Liaison Committee on request.

5. The contractor shall prepare weekly reports in a form approved by the City of hours worked in each trade by each employee, identified as minority or non-minority. Copies of these reports shall be provided at the end of each week to the City and to the Liaison Committee.

* If job is less than three months, prepare for length of job.

- VI. If the Contractor shall use any sub contractor on any work performed under this contract, he/she shall take affirmative action to negotiate with qualified minority subcontractors. This affirmative action shall cover both pre-bid and post-bid periods. It shall include notification to the State Office of: Minority *Business Assistance* or As designee, while bids are in preparation, of all products, work or services for which the Contractor intends to negotiate bids.
- VII. In the employment of journeyman, apprentices, trainees, and advanced trainees, the Contractor shall give preference to citizens of the Commonwealth who have served in the armed forces of the United States in time of war and have been honorably discharged therefrom or released from active duty therein, and who are qualified to perform the work to which the employment relates, and, secondly to citizens of the Commonwealth generally, and, if such cannot be obtained in sufficient numbers, then to citizens of the United States
- VIII. A designee of the City and a designee of the Liaison Committee shall each have the right of access no the Construction site,
- IX. **Compliance with Requirements**
The Contractor shall comply with the provisions of Chapter 151B of the Massachusetts General Laws, which are herein incorporated by reference and made as amended by Executive Order 227, and of Chapter 151B as amended, of the Massachusetts General Laws, both of *which* are herein incorporated by reference and made a part of this contract.
- X. **Non-Discrimination**
The Contractor, in the performance of all work after award, and prior to completion of the contract work, will not discriminate on the grounds of race, color, religious creed, national origin, age or sex in employment practices, in the selection or retention of sub-contractors, or in the procurement of materials and rentals of equipment.
- XI. **Solicitations for sub-Contracts and for the Procurement of Materials and Equipment**
In all solicitations either by competitive bidding or negotiation made by the Contractor either for work to be performed under a subcontract or for the procurement of materials or equipment, each potential subcontractor or supplier shall be notified in writing by the Contractor of the Contractor's obligations under his contract relative to non-discrimination and affirmative action.
- XII. **Bidders Certification Requirement**

1. The following certification statement will be inserted in the bid document just above the bidder's signature.

"The bidder hereby certifies he shall comply with the minority manpower ratio and specific action steps contained in the City of Newton, Massachusetts Supplemental Equal Employment-- Opportunity Anti-Discrimination and Affirmative Action Program. The Contractor receiving the award of the contract shall be required to obtain from each of its subcontractors and submit to the contracting or, administering agency prior to the performance of any work under said contract a certification by said subcontractor, regardless of tier, that it will comply with the minority manpower ratio and specific affirmative action steps contained in the City of Newton Massachusetts Supplemental Equal Employment Opportunity Anti -Discrimination and Affirmative Action Program.

XIII. Contractor's Certification

A Contractor's certification form must be signed by all successful low bidders prior to award by the City. A Contractor shall not be eligible for award of a contract unless the contractor has executed and submitted the Contractor's Certification, which shall be deemed a part of the resulting contract. (See Attachment B)

XIV.

Subcontractor's Certification (Not Applicable)

Prior to the award of any subcontract, regardless of tier, the prospective subcontractor must execute and submit: to the Prime Contractor a subcontractor's certification setting forth the subcontractor's compliance with this program, which shall be deemed a part of the resulting subcontract. (See Attachment C)

XV.

Compliance - Information, Reports and Sanctions

1. The Contractor will provide all information and reports Required by the administering department or, the City on instruction issued by either of them and will permit access to its facilities and any books, records, accounts and other sources of information which may be determined by the City to affect the employment of personnel. This provision shall apply only to information pertinent to the City's supplementary affirmative action contract requirements. Where information required is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to the administering department or the City as appropriate and shall set forth what efforts he/she has made to obtain the information.
2. Whenever the administering department, the City, or the Liaison Committee believes the General Contractor or any Subcontractor may not-, be operating in compliance with the terms of this Section, the City directly, or through its designated agent, shall conduct: an appropriate investigation, and may confer with the parties, to determine if such Contractor is operating in compliance with the terms of this Section. If the City or its agent finds the General Contractor or any Subcontractor not in compliance, it shall make a preliminary report on non-compliance, and notify such Contractor in writing of such steps as will in the judgement of the City or its agent bring such Contractor into compliance. In the event, that such Contractor fails or refuses to fully perform such steps, the City shall make a final report of non-compliance, and recommend to the administering department the imposition of one or more of the sanctions listed below. If, however, the City believes the General Contractor or any Subcontractor has taken or is taking every possible measure to achieve compliance, it shall not make a final report of non-compliance. within fourteen days at the receipt of the recommendations of the City, the administering department shall move to impose one or more of the following sanctions, as it may deem appropriate to attain full and effective enforcement:
 - (a) The recovery by the administering department from the General Contractor of 1/100 of 11 of the contract award price or \$1000 whichever sum is greater, in the nature of liquidated damages or if a Subcontractor is in non-compliance, the recovery by the administering department from the General Contractor, to be assessed by the General Contractor as a back charge against the Subcontractor, of 1/10 of 1% of the sub-contract price, or \$400 whichever sum is greater, in the nature of liquidated damages, for each week that such party fails or refuses to comply
 - (b) The suspension of any payment of part thereof due under the contract until such time as the General Contractor or any Subcontractor is able to demonstrate his compliance with the terms of the contract;
 - (c) The termination, or cancellation, of the contract, in whole or in part, unless the General Contractor or any Subcontractor is able to demonstrate within a specified time his/her compliance with the terms of the City's affirmative action construction contract requirements; OR,
 - (d) The denial to the General Contractor or any Subcontractor of the right to participate in any future contracts awarded by the administering department for a period of up to three years.
3. If at any time after the imposition of one or more of the above sanctions (unless the contract. has been terminated), a Contractor is able to demonstrate that he/she is in compliance with this section, he/she may request the City to suspend the sanctions conditionally pending a final determination by the City as to whether the Contractor is in compliance. Upon final determination of the City, the administrating department, based upon the recommendation of the City, shall either lift the sanctions or continue them.
4. Sanctions enumerated under Section XV shall not: be imposed by the City except after the General Contractor or Subcontractor have had an opportunity for full and fair hearing with City. The non-compliance investigation shall be initiated without prior notice to the contractor. Any sanctions to be imposed shall be, __set forth fully and completely in writing, and may then be appealed to t-he City in writing by the Contractor.

.XIV.

Severability

The provisions of this section are severable, and if any of these provisions shall be held unconstitutional by any court of competent jurisdiction, the decision of such court. shall not, affect or impair any of the remaining provisions.

FAIR EMPLOYMENT LAW

The Fair Employment Law declares that it is illegal to discriminate on the basis of race, color, religious creed, national origin, sex, sexual orientation, age, ancestry or disability

IT IS UNLAWFUL:

- to print or circulate any advertisement or use any application form which directly or indirectly specifies any limitation on the basis of race, color, religious creed, national origin, sex, sexual orientation, age, ancestry or disability.
- to discharge or refuse to hire any individual on file basis of their race, color, religious creed, national origin, sex, sexual orientation, age, ancestry, or disability.
- to discriminate against any individual in matters relating to compensation, terms, conditions, or privileges of employment because of their race, color, religious creed, national origin, sex, sexual orientation, age, ancestry or disability.
- to require a woman to leave her job at some arbitrary stage in her pregnancy or to refuse to let her return to work until a specified time set by the employer.
- to grant a female employee at least eight weeks leave for purposes of childbirth or to treat her absence differently than any other absence due to disability.
- to require an employee to remain at work during any day or part thereof that s/he observes as a religious holiday provided that the employee gives a ten-day notice and the absence does not cause undue hardship to the employer.
- to discharge or refuse to hire any person because of their failure to furnish information concerning admission to a center for the treatment of mentally ill persons.
- to discriminate against a job applicant for failure to furnish information, written or oral, concerning:- A) an arrest, detention or disposition regarding a violation of law in which no conviction resulted; B) a first conviction for any of the following misdemeanors: driving under the influence, simple assault, speeding, minor traffic violations, disturbance of the peace; or C) conviction for a misdemeanor where the date of the conviction or end of period of incarceration, if any, occurred more than five years prior to the employment application, and the applicant has not been convicted of any offense within the five years immediately before the date of application.

RETALIATION

It is illegal to retaliate against any person because s/he has opposed any practices forbidden under this Chapter or because s/he has filed a complaint, testified, or assisted in any proceeding before the Commission. It is also illegal to aid, abet, incite, compel or coerce the doings of any of the acts forbidden under this Chapter or to attempt to do so.

SEXUAL HARASSMENT

151B:1,18 The term "sexual harassment" shall mean sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature when (a) submission to or rejection of such advances, requests or conduct is made either explicitly or implicitly a term or condition of employment, or as a basis for employment decisions: (h) such advances,, requests or conduct have the purpose or effect of unreasonably interfering with an individual's work performance by creating an intimidating, hostile, humiliating or sexually offensive work environment.

COMPLAINTS

All complaints must be filed in writing. Information on the filing of complaints can be obtained by contacting the MASSACHUSETTS COMMISSION AGAINST DISCRIMINATION at the following locations:

Boston office:
One Ashburton Place
Room 601
Boston, MA 02108
(617) 727-3990

Springfield office:
436 Dwight Street
Suite 315
Springfield, MA 01103
(413) 739-2145

THE MASSACHUSETTS COMMISSION AGAINST DISCRIMINATION

Attachment B

CITY OF NEWTON

Contractors Certification

A Contractor will not be eligible for award of a contract, unless such contractor has submitted the following certification, which is deemed a part of the resulting contract.

CONTRACTOR'S CERTIFICATION

Contractor's Name Certifies that:

it tends to use the following listed construction trades in the work under the contract

_____ and

2. will comply with the minority manpower ration and specific affirmative action steps contained herein; and
3. will obtain from each of its subcontractors and submit to the contracting or administering agency prior to the award of any subcontract under this contract the subcontractor certification required by these bid conditions

(Signature of authorized representative of Contractor)

Any contract for the provision of goods or services to the City of Newton or any of its departments is subject to the ordinance creating the Human Rights Commission, as it may be amended from Time to Time. Any complaints within the purview shall be forwarded immediately to the contracting agency, and a copy shall be sent to the Human Rights Commission; any complaints received by the contracting agency shall be forwarded to the contractor, and a copy shall be sent to the Human Rights Commission.

Attachment C

CITY OF NEWTON

Subcontractors Certification

Prior to the award of any subcontract, regardless of tier, the prospective subcontractor must execute and submit to the Prime Contractor the following certification, which will be deemed a part of the resulting subcontractor.

SUBCONTRACTOR`S CERTIFICATION

Contractor's Name

_____ Certifies that:

it tends to use the following listed construction trades in the work under the contract

_____ and

will comply with the minority manpower ration and specific affirmative action steps contained herein; and

will obtain from each of its subcontractors and submit to the contracting or administering agency prior to the award of any subcontract under this contract the subcontractor certification required by these bid conditions

Pursuant to M.G.L. Ch. 62C, Sec. 49A, I certify under the penalties of perjury that, to the best of my knowledge and belief, I am in compliance with all laws of the Commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

(Signature of authorized representative of Contractor)

In order to ensure that the said subcontractor's certification becomes part of all subcontracts under the prime contract, no subcontract shall be executed until an authorizee representative of the Administrative Agency administering this project has determined in writing, that the said certification has been incorporated in such subcontract, regardless of tier, Any subcontract executed without such written approval shall be void.

Any contract for the provision of goods or services to the City of Newton or any of its departments is subject to the ordinance creating the Human Rights Commission, as it may be amended from Time to Time. Any complaints within the purview shall be forwarded immediately to the contracting agency, and a copy shall be sent to the Human Rights Commission; any complaints received by the contracting agency shall be forwarded to the contractor, and a copy shall be sent to the Human Rights Commission.

END OF SECTION

CITY OF NEWTON

WAGE RATE REQUIREMENTS

1. GENERAL

- A.** This section summarizes the requirements for the payment of wages to laborers and mechanics employed under the Contract.
- B.** Other duties and requirements of law which may not be specified in this section apply and are inherently part of the Contract.

2. WAGE RATES

- A.** The rate per hour to be paid to mechanics, apprentices, teamsters, chauffeurs, and laborers employed on the Work shall not be less than the rate of wages in the attached "Minimum Wage Rates" as determined by the Commissioner of Labor and Industries. This schedule shall continue to be the minimum rate of wages for said employees during the life of this Contract.
- B.** Keep posted on the site a legible copy of said schedule. Keep on file the wage rates and classifications of labor employed on this Work in order that they may be available for inspection by the Owner, Administrator, or the Architect.
- C.** Apprentices employed pursuant to this determination of wage rates must be registered and approved by the State Apprenticeship Council wherever rates for journeymen or apprentices are not listed.
- D.** Pay reserve police officers employed on the Work the prevailing rate of wages paid to regular police officers as required by M.G.L. c 149, Sec. 34B, as amended. Such police officers shall be covered by Workmen's Compensation Insurance and Employers Liability Insurance by the Contractor.
- E.** The Contractor and all subcontractors shall, on a weekly basis throughout the term of the contract, provide to the City of Newton certified payroll affidavits verifying compliance with M.G.L. c.149, Sec. 27, 27A and 27B.
- F.** The Contractor and all subcontractors shall provide a Statement of Compliance within 15 days of the completion of its portion of the work. This statement shall be submitted to the Owner on the form found elsewhere in this section.
- G.** The Contractor shall maintain accurate and complete records, including payroll records, during the Contract term and for three years thereafter. Filings made by the Contractor pursuant to Clauses 47, 48 and 49 of the General Conditions shall be deemed to constitute compliance with State filing requirements under the Massachusetts Prevailing Wage Law.



DEVAL L. PATRICK
Governor
TIMOTHY P. MURRAY
Lieutenant Governor

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DIVISION OF OCCUPATIONAL SAFETY

Prevailing Wage Rates

As determined by the Commissioner under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H



JOANNE F. GOLDSTEIN
Secretary of Labor and Workforce Development
GEORGE E. NOEL
Director of Labor
HEATHER E. ROWE
Acting Commissioner of
Division of Occupational Safety

Awarding Authority: City of Newton

Contract Number: RFQ11-17

City/Town: NEWTON

Description of Work: Solar Energy Facilities Work - Request For Qualifications for Solar Energy Facilities

Job Location: Various Locations

Classification	Effective Dates and Total Rates							
Construction								
(2 AXLE) DRIVER - EQUIPMENT	06/01/2010	\$44,930	12/01/2010	\$45,530	06/01/2011	\$46,280		
	12/01/2011	\$46,940	06/01/2012	\$47,590	12/01/2012	\$48,620		
(3 AXLE) DRIVER - EQUIPMENT	06/01/2010	\$45,000	12/01/2010	\$45,600	06/01/2011	\$46,350		
	12/01/2011	\$47,010	06/01/2012	\$47,660	12/01/2012	\$48,690		
(4 & 5 AXLE) DRIVER - EQUIPMENT	06/01/2010	\$45,120	12/01/2010	\$45,720	06/01/2011	\$46,470		
	12/01/2011	\$47,130	06/01/2012	\$47,780	12/01/2012	\$48,810		
ADSS SUBMERSIBLE PILOT	08/01/2010	\$104,640	08/01/2011	\$108,760				
AIR TRACK OPERATOR	06/01/2010	\$48,850	12/01/2010	\$50,100	06/01/2011	\$51,100		
	12/01/2011	\$52,350						
ASBESTOS REMOVER - PIPE / MECH. EQUIPT.	12/01/2009	\$40,250						
ASPHALT RAKER	06/01/2010	\$48,350	12/01/2010	\$49,600	06/01/2011	\$50,600		
	12/01/2011	\$51,850						
ASPHALT/CONCRETE/CRUSHER PLANT-ON SITE	06/01/2010	\$59,730	12/01/2010	\$60,980				
BACKHOE/FRONT-END LOADER	06/01/2010	\$59,730	12/01/2010	\$60,980				
BARC O-TYPE/JUMPING TAMPER	06/01/2010	\$48,350	12/01/2010	\$49,600	06/01/2011	\$50,600		
	12/01/2011	\$51,850						
BLOCK PAVER, RAMMER / CURB SETTER	06/01/2010	\$48,850	12/01/2010	\$50,100	06/01/2011	\$51,100		
	12/01/2011	\$52,350						
BOILER MAKER	01/01/2010	\$55,850						
APPRENTICE: BOILERMAKER - Local 29								
Ratio	Step	1	2	3	4	5	6	7
1:5	%	45.00	45.00	70.00	75.00	80.00	85.00	90.00
Apprentice wages shall be no less than the following:								
Step 1542.64/2542.64/3443.44/4305.48/5102.07/5922.08/6833.97								
BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)	08/01/2010	\$69,910	02/01/2011	\$70,900	08/01/2011	\$73,000		
	02/01/2012	\$73,990						
APPRENTICE: BRICK/PLASTER/CEMENT MASON - Local 3 Newton								
Ratio	Step	1	2	3	4	5		
1:5	%	50.00	60.00	70.00	80.00	90.00		
Apprentice wages shall be no less than the following:								
Step 1547.31/2551.83/3556.33/4560.87/5565.39								
BULLDOZER/GRADER/SCRAPER	06/01/2010	\$59,380	12/01/2010	\$60,630				
CAISSON & UNDERPINNING BOTTOM MAN	06/01/2010	\$49,250	12/01/2010	\$50,500	06/01/2011	\$51,500		
	12/01/2011	\$52,750						
CAISSON & UNDERPINNING LABORER	06/01/2010	\$48,100	12/01/2010	\$49,350	06/01/2011	\$50,350		
	12/01/2011	\$51,600						
CAISSON & UNDERPINNING TOP MAN	06/01/2010	\$48,100	12/01/2010	\$49,350	06/01/2011	\$50,350		
	12/01/2011	\$51,600						

This wage schedule must be posted at the worksite in accordance with M.G.L. c. 149, § 27. Failure of the employer to pay "prevailing wage rates," which are the minimum wage rates listed above, on public works projects is a violation of M.G.L. c. 149, § 27. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465. Contractors with questions about the wage rates or classifications included on the wage schedules have an affirmative obligation to inquire with DOS at www.mass.gov/dos/pw or at 617-626-6952.

Issue Date: 09/27/2010

Wage Request Number: 20100927-011

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DEVAL L. PATRICK
Governor
TIMOTHY P. MURRAY
Lieutenant Governor

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DIVISION OF OCCUPATIONAL SAFETY

Prevailing Wage Rates

As determined by the Commissioner under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H



JOANNE F. GOLDSTEIN
Secretary of Labor and Workforce Development
GEORGE E. NOEL
Director of Labor
HEATHER E. ROWE
Acting Commissioner of
Division of Occupational Safety

Awarding Authority: City of Newton

Contract Number: RFQ11-17

City/Town: NEWTON

Description of Work: Solar Energy Facilities Work - Request For Qualifications for Solar Energy Facilities

Job Location: Various Locations

Classification	Effective Dates and Total Rates							
CARBIDE CORE DRILL OPERATOR	06/01/2010	\$48,350	12/01/2010	\$49,600	06/01/2011	\$50,600		
	12/01/2011	\$51,850						
CARPENTER	09/01/2010	\$55,360	03/01/2011	\$56,230	09/01/2011	\$57,360		
	03/01/2012	\$58,480						
APPRENTICE: CARPENTER - Zone 2 Eastern MA								
Ratio	Step	1	2	3	4	5	6	7
1:3	%	50.00	60.00	70.00	75.00	80.00	80.00	90.00
Apprentice wages shall be no less than the following:								
Step 1521.54/2528.71/\$41,124.54/2,710.54/3,870.54/5,870.54/6,168.50/6,41								
CEMENT MASONRY/PLASTERING	08/01/2010	\$68,210	02/01/2011	\$68,980	08/01/2011	\$70,600		
	02/01/2012	\$71,370						
CHAINSAW OPERATOR	06/01/2010	\$48,350	12/01/2010	\$49,600	06/01/2011	\$50,600		
	12/01/2011	\$51,850						
CLAM SHELLS/SLURRY BUCKETS/HEADING MACHINES	06/01/2010	\$60,730	12/01/2010	\$61,980				
COMPRESSOR OPERATOR	06/01/2010	\$48,760	12/01/2010	\$49,690				
DELEADER (BRIDGE)	01/01/2010	\$63,410						
APPRENTICE: PAINTER Local35 - BRIDGES/TANKS								
Ratio	Step	1	2	3	4	5	6	7
1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00
Apprentice wages shall be no less than the following:								
Step 1529.31/2534.84/\$39,014.54/14,055.30/18,552.54/23,547,953/4,81,683.11								
DEMO: ADZEMAN	06/01/2010	\$48,100	12/01/2010	\$49,350	06/01/2011	\$50,350		
	12/01/2011	\$51,600						
DEMO: BACKHOE/LOADER/HAMMER OPERATOR	06/01/2010	\$49,100	12/01/2010	\$50,350	06/01/2011	\$51,350		
	12/01/2011	\$52,600						
APPRENTICE: LABORER Demo Backhoe/Loader/Hammer Operator								
Ratio	Step	1	2	3	4			
1:3	%	60.00	70.00	80.00	90.00			
Apprentice wages shall be no less than the following:								
Step 1534.78/2539.84/\$42,944.54/44.02								
DEMO: BURNERS	06/01/2010	\$48,850	12/01/2010	\$50,100	06/01/2011	\$51,100		
	12/01/2011	\$52,350						
APPRENTICE: LABORER Demo Burner								
Ratio	Step	1	2	3	4			
1:3	%	60.00	70.00	80.00	90.00			
Apprentice Wages shall be no less than the following:								
Step 1534.43/2539.69/\$42,794.54/45.80								
DEMO: CONCRETE CUTTER/SAWYER	06/01/2010	\$49,100	12/01/2010	\$50,350	06/01/2011	\$51,350		
	12/01/2011	\$52,600						

This wage schedule must be posted at the worksite in accordance with M.G.L. c. 149, § 27. Failure of the employer to pay "prevailing wage rates," which are the minimum wage rates listed above, on public works projects is a violation of M.G.L. c. 149, § 27. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465. Contractors with questions about the wage rates or classifications included on the wage schedules have an affirmative obligation to inquire with DOS at www.mass.gov/dos/pw or at 617-626-6952.

Issue Date: 09/27/2010

Wage Request Number: 20100927-011

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DEVAL L. PATRICK
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THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DIVISION OF OCCUPATIONAL SAFETY

Prevailing Wage Rates

As determined by the Commissioner under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H



JOANNE F. GOLDSTEIN
Secretary of Labor and Workforce Development
GEORGE E. NOEL
Director of Labor
HEATHER E. ROWE
Acting Commissioner of
Division of Occupational Safety

Awarding Authority: City of Newton

Contract Number: RFQ 11-17

City/Town: NEWTON

Description of Work: Solar Energy Facilities Work - Request For Qualifications for Solar Energy Facilities

Job Location: Various Locations

Classification

Effective Dates and Total Rates

DEMO: JACKHAMMER OPERATOR	06/01/2010	\$48.850	12/01/2010	\$50.100	06/01/2011	\$51.100
	12/01/2011	\$52.350				
DEMO: WRECKING LABORER	06/01/2010	\$48.100	12/01/2010	\$49.350	06/01/2011	\$50.350
	12/01/2011	\$51.600				
APPRENTICE: LABORER-Demo Wrecking Laborer						
Ratio	Step	1	2	3	4	
1:5	%	40.00	70.00	80.00	90.00	
Apprentice wages shall be no less than the following:						
Step 153.618/2539168 \$42.144 \$45.12						
DIRECTIONAL DRILL MACHINE OPERATOR	06/01/2010	\$59.380	12/01/2010	\$60.630		
DIVER	08/01/2010	\$77.440	08/01/2011	\$80.190		
DIVER TENDER	08/01/2010	\$62.570	08/01/2011	\$65.320		
DIVER TENDER (EFFLUENT)	08/01/2010	\$82.330	08/01/2011	\$86.460		
DIVER SLURRY (EFFLUENT)	08/01/2010	\$104.640	08/01/2011	\$108.760		
ELECTRICIAN	09/01/2010	\$67.040	03/01/2011	\$68.290		
APPRENTICE: ELECTRICIAN - Local 103						
Ratio	Step	1	2	3	4	5
23***	%	40.00	40.00	45.00	45.00	50.00
Apprentice wages shall be no less than the following Steps:						
1534.882534.882542.31.4542.31/5944.45/5944.58/7948.72/8850.85/9452.99/10.555.12						
App Prior 14.03; 30.63/40.43/50.03/65.70/75.80						
ELEVATOR CONSTRUCTOR	01/01/2010	\$65.190	01/01/2011	\$66.690	01/01/2012	\$68.190
APPRENTICE: ELEVATOR CONSTRUCTOR - Local 4						
Ratio	Step	1	2	3	4	5
1:1	%	50.00	55.00	65.00	70.00	80.00
Apprentice rates shall be no less than the following:						
Step 1533.31/2542.94/3.47.884 \$50.34/55.35.30						
Steps 1-2 are 6 mos.; Steps 3-5 are 1 year						
ELEVATOR CONSTRUCTOR HELPER	01/01/2010	\$51.330	01/01/2011	\$52.830	01/01/2012	\$54.330
FENCE & GUARD RAIL ERECTOR	06/01/2010	\$48.350	12/01/2010	\$49.600	06/01/2011	\$50.600
	12/01/2011	\$51.850				
FIELD ENG. - INST. PERSON (BLDG, SITE, HVY CONST)	05/01/2010	\$56.950	11/01/2010	\$58.190	05/01/2011	\$59.430
FIELD ENG. - ROD PERSON (BLDG, SITE, HVY CONST)	05/01/2010	\$41.520	11/01/2010	\$42.250	05/01/2011	\$42.980
FIELD ENG. - CHIEF OF PARTY (BLDG, SITE, HVY CONST)	05/01/2010	\$38.320	11/01/2010	\$39.570	05/01/2011	\$40.820
FIRE ALARM INSTALLER	09/01/2010	\$67.040	03/01/2011	\$68.290		
FIRE ALARM REPAIR / MAINTENANCE	09/01/2010	\$55.050	03/01/2011	\$56.300		
FIREMAN (ASST. ENGINEER)	06/01/2010	\$53.760	12/01/2010	\$54.840		
FLAGGER & SIGNALER	06/01/2010	\$37.800	12/01/2010	\$37.800	06/01/2011	\$38.800
	12/01/2011	\$38.800				
FLOORCOVERER	09/01/2010	\$60.380	03/01/2011	\$61.130	09/01/2011	\$62.380
	03/01/2012	\$63.630				

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DEVAL L. PATRICK
Governor
TIMOTHY P. MURRAY
Lieutenant Governor

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DIVISION OF OCCUPATIONAL SAFETY

Prevailing Wage Rates

As determined by the Commissioner under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H



JOANNE F. GOLDSTEIN
Secretary of Labor and Workforce Development
GEORGE E. NOEL
Director of Labor
HEATHER E. ROWE
Acting Commissioner of
Division of Occupational Safety

Awarding Authority: City of Newton

Contract Number: RFQ 11-17

City/Town: NEWTON

Description of Work: Solar Energy Facilities Work - Request For Qualifications for Solar Energy Facilities

Job Location: Various Locations

Classification

Effective Dates and Total Rates

APPRENTICE E: FLOORCOVERER - Local 2148 Zone 1									
Ratio	Step	1	2	3	4	5	6	7	8
1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
Apprentice rates shall be no less than the following:					Steps are 750 hrs.				
Step 152733/2529138 \$39.934 \$41.710 \$43.320 \$44.710/7830.696832.47									
FORK LIFT/CHERRY PICKER						06/01/2010	\$59.730	12/01/2010	\$60.980
GENERATOR/LIGHTING PLANT/HEATERS						06/01/2010	\$48.760	12/01/2010	\$49.690
GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS)						01/01/2010	\$52.910		
APPRENTICE E: GLAZIER - Local 33 Zone 2									
Ratio	Step	1	2	3	4	5	6	7	8
1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	90.00
Apprentice wages shall be no less than the following:					Steps are 750 hrs.				
Step 1524.04/2531.088 \$32.714 \$34.330 \$35.431 \$36.944.78794 \$41.6849.44									
HOISTING ENGINEER/CRANES/GRADALLS						06/01/2010	\$59.730	12/01/2010	\$60.980
APPRENTICE E: HOIST/PORT. ENG. - Local 4									
Ratio	Step	1	2	3	4	5	6	7	8
1:4	%	55.00	60.00	65.00	70.00	75.00	80.00	85.00	90.00
Apprentice wages shall be no less than the following:					Steps are 1 year				
Step 1530.40/2544.420 \$44.334 \$48.250 \$50.140 \$52.077/7833.996835.90									
HVAC (DUCTWORK)						08/01/2010	\$63.960	02/01/2011	\$65.210
						02/01/2012	\$67.710	08/01/2012	\$68.960
HVAC (ELECTRICAL CONTROLS)						09/01/2010	\$67.040	03/01/2011	\$68.290
HVAC (TESTING AND BALANCING - AIR)						08/01/2010	\$63.960	02/01/2011	\$65.210
						02/01/2012	\$67.710	08/01/2012	\$68.960
HVAC (TESTING AND BALANCING - WATER)						09/01/2010	\$68.730		
HVAC MECHANIC						09/01/2010	\$68.730		
HYDRAULIC DRILLS						06/01/2010	\$48.850	12/01/2010	\$50.100
						12/01/2011	\$52.350		
INSULATOR (PIPES & TANKS)						09/01/2010	\$61.660		
APPRENTICE E: ASBESTOS INSULATOR (Pipes & Tanks) - Local Boston									
Ratio	Step	1	2	3	4				
1:4	%	50.00	60.00	70.00	80.00				
Apprentice wages shall be no less than the following:					Steps are 1 year				
Step 1534.14/2540.740 \$43.394 \$50.01									
IRONWORKER/WELDER						03/16/2010	\$60.940		

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DEVAL L. PATRICK
Governor
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THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DIVISION OF OCCUPATIONAL SAFETY

Prevailing Wage Rates

As determined by the Commissioner under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H



JOANNE F. GOLDSTEIN
Secretary of Labor and Workforce Development
GEORGE E. NOEL
Director of Labor
HEATHER E. ROWE
Acting Commissioner of
Division of Occupational Safety

Awarding Authority: City of Newton

Contract Number: RFQ11-17

City/Town: NEWTON

Description of Work: Solar Energy Facilities Work - Request For Qualifications for Solar Energy Facilities

Job Location: Various Locations

Classification

Effective Dates and Total Rates

APPRENTICE: IRONWORKER - Local 7 Boston									
Ratio	Step	1	2	3	4	5	6		
**	%	60.00	70.00	75.00	80.00	85.00	90.00		
Apprentice wages shall be no less than the following:						** Structural 1-4; Ornamental 1-4			
Step 1544682/253033053212453388053545065741									
JACKHAMMER & PAVING BREAKER OPERATOR						06/01/2010	\$48.350	12/01/2010	\$49.600
						12/01/2011	\$51.850		
LABORER						06/01/2010	\$48.100	12/01/2010	\$49.350
						12/01/2011	\$51.600	06/01/2011	\$50.350
APPRENTICE: LABORER - Zone 1									
Ratio	Step	1	2	3	4				
1:3	%	60.00	70.00	80.00	90.00				
Apprentice wages shall be no less than the following:									
Step 153418/253916854214454512									
LABORER: CARPENTER TENDER						06/01/2010	\$48.100	12/01/2010	\$49.350
						12/01/2011	\$51.600	06/01/2011	\$50.350
LABORER: CEMENT FINISHER TENDER						06/01/2010	\$48.100	12/01/2010	\$49.350
						12/01/2011	\$51.600	06/01/2011	\$50.350
LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER						06/01/2010	\$48.100	12/01/2010	\$49.350
						12/01/2011	\$51.600	06/01/2011	\$50.350
LABORER: MASON TENDER						06/01/2010	\$48.350	12/01/2010	\$49.600
						12/01/2011	\$51.850	06/01/2011	\$50.600
LABORER: MULTI-TRADE TENDER						06/01/2010	\$48.100	12/01/2010	\$49.350
						12/01/2011	\$51.600	06/01/2011	\$50.350
LABORER: TREE REMOVER						06/01/2010	\$48.100	12/01/2010	\$49.350
						12/01/2011	\$51.600	06/01/2011	\$50.350
This classification applies to the wholesale removal of standing trees including all associated trimming of branches and limbs, and applies to the removal of branches at locations not on or around utility lines.									
LASER BEAM OPERATOR						06/01/2010	\$48.350	12/01/2010	\$49.600
						12/01/2011	\$51.850	06/01/2011	\$50.600
MARBLE & TILE FINISHERS						08/01/2010	\$58.470	02/01/2011	\$59.270
						02/01/2012	\$61.740	08/01/2011	\$60.930
APPRENTICE: MARBLE & TILE FINISHER - Local 3 Marble & Tile									
Ratio	Step	1	2	3	4	5			
1:3	%	50.00	60.00	70.00	80.00	90.00			
Apprentice wages shall be no less than the following:						Steps are 800 hrs.			
Step 154118/254443854809453135053501									
MARBLE MASONS, TILELAYERS & TERRAZZO MECH						08/01/2010	\$69.950	02/01/2011	\$70.940
						02/01/2012	\$74.030	08/01/2011	\$73.040

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DEVAL L. PATRICK
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THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DIVISION OF OCCUPATIONAL SAFETY

Prevailing Wage Rates

As determined by the Commissioner under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H



JOANNE F. GOLDSTEIN
Secretary of Labor and Workforce Development
GEORGE E. NOEL
Director of Labor
HEATHER E. ROWE
Acting Commissioner of
Division of Occupational Safety

Awarding Authority: City of Newton

Contract Number: RFQ11-17

City/Town: NEWTON

Description of Work: Solar Energy Facilities Work - Request For Qualifications for Solar Energy Facilities

Job Location: Various Locations

Classification

Effective Dates and Total Rates

APPRENTICE: MARBLE-TILE-TERRAZZO MECHANIC - Local 3 Marble & Tile										
Ratio	Step	1	2	3	4	5				
1:3	%	50.00	60.00	70.00	80.00	90.00				
Apprentice wages shall be no less than the following:										
Step 154733/2531.83/\$34384 \$40.90/\$43.43										
MECH. SWEEPER OPERATOR (NON CONSTRUCTION)						07/01/2010	\$29.590	07/01/2011	\$30.290	
MECH. SWEEPER OPERATOR (ON CONST. SITES)						06/01/2010	\$39.380	12/01/2010	\$60.630	
MECHANICS MAINTENANCE						06/01/2010	\$39.380	12/01/2010	\$60.630	
MILLWRIGHT (Zone 1)						04/01/2010	\$55.850			
APPRENTICE: MILLWRIGHT - Local 1121 Zone 1										
Ratio	Step	1	2	3	4	5	6	7	8	
1:3	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00	
Apprentice wages shall be no less than the following:										
Step 1521.93/2527.43/\$37.994 \$39.47/\$42.83/\$44.31/794 7.47/\$49.34										
MORTAR MIXER						06/01/2010	\$48.350	12/01/2010	\$49.600	06/01/2011 \$50.600
						12/01/2011	\$51.850			
OILER (OTHER THAN TRUCK CRANES, GRADALLS)						06/01/2010	\$42.430	12/01/2010	\$43.170	
OILER (TRUCK CRANES, GRADALLS)						06/01/2010	\$45.500	12/01/2010	\$46.330	
OTHER POWER DRIVEN EQUIPMENT - CLASS II						06/01/2010	\$39.380	12/01/2010	\$60.630	
PAINTER (BRIDGES/TANKS)						01/01/2010	\$63.410			
APPRENTICE: PAINTER Local 33 - BRIDGES/TANKS										
Ratio	Step	1	2	3	4	5	6	7	8	
1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	90.00	
Apprentice wages shall be no less than the following:										
Step 1529.31/2534.84/\$39.014 \$41.14/\$43.30 \$44.79/\$46.79/\$48.59/\$50.11										
PAINTER (SPRAY OR SANDBLAST, NEW) *						01/01/2010	\$54.310			
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.										
APPRENTICE: PAINTER Local 33 Zone 2 - Spray/Sandblast - New										
Ratio	Step	1	2	3	4	5	6	7	8	
1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	90.00	
Apprentice wages shall be no less than the following:										
Step 1524.74/2531.83/\$33.334 \$35.24/\$37.14/\$39.04/\$40.94/\$42.83/794 7.33/\$38.30.32										
PAINTER (SPRAY OR SANDBLAST, REPAINT)						01/01/2010	\$52.370			
APPRENTICE: PAINTER Local 33 Zone 2 - Spray/Sandblast - Repaint										
Ratio	Step	1	2	3	4	5	6	7	8	
1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	90.00	
Apprentice wages shall be no less than the following:										
Step 1523.79/2530.78/\$32.384 \$33.98/\$35.42.78/\$37.43/794 3.98/\$49.17										

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DEVAL L. PATRICK
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THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DIVISION OF OCCUPATIONAL SAFETY

Prevailing Wage Rates

As determined by the Commissioner under the provisions of the
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JOANNE F. GOLDSTEIN
Secretary of Labor and Workforce Development
GEORGE E. NOEL
Director of Labor
HEATHER E. ROWE
Acting Commissioner of
Division of Occupational Safety

Awarding Authority: City of Newton

Contract Number: RFQ 11-17

City/Town: NEWTON

Description of Work: Solar Energy Facilities Work - Request For Qualifications for Solar Energy Facilities

Job Location: Various Locations

Classification

Effective Dates and Total Rates

PAINTER (TRAFFIC MARKINGS)	06/01/2010	\$48.100	12/01/2010	\$49.350	06/01/2011	\$50.350
	12/01/2011	\$51.600				
PAINTER / TAPER (BRUSH, NEW) *	01/01/2010	\$52.910				
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.						
APPRENTICE: PAINTER - Local 33 Zone 2 - BRUSH NEW						
Ratio	Step	1	2	3	4	5
1:1	%	50.00	55.00	60.00	65.00	70.00
Apprentice wages shall be no less than the following: Steps are 750 hrs.						
Step 1524.04/2531.080 \$32.714 \$34.33/3543.14/4544.78/544.61/6449.44						
PAINTER / TAPER (BRUSH, REPAINT)	01/01/2010	\$50.970				
APPRENTICE: PAINTER - Local 33 Zone 2 - BRUSH REPAINT						
Ratio	Step	1	2	3	4	5
1:1	%	50.00	55.00	60.00	65.00	70.00
Apprentice wages shall be no less than the following: Steps are 750 hrs.						
Step 1523.09/2530.010 \$31.344 \$33.07/3441.80/4543.33/544.84/6447.91						
PANEL & PICKUP TRUCKS DRIVER	06/01/2010	\$44.760	12/01/2010	\$45.360	06/01/2011	\$46.110
	12/01/2011	\$46.770	06/01/2012	\$47.420	12/01/2012	\$48.430
PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK)	08/01/2010	\$62.570	08/01/2011	\$65.320		
PILE DRIVER	08/01/2010	\$62.570	08/01/2011	\$65.320		
APPRENTICE: PILE DRIVER - Local 54 Zone 1						
Ratio	Step	1	2	3	4	5
1:3	%	40.00	45.00	50.00	55.00	60.00
Apprentice wages shall be no less than the following: Steps are 750 hrs.						
Step 1544.74/2548.740 \$30.714 \$32.49/34.47/4546.44/5548.42/6440.39						
PIPEFITTER & STEAMFITTER	09/01/2010	\$68.730				
APPRENTICE: PIPEFITTER - Local 337						
Ratio	Step	1	2	3	4	5
**	%	40.00	45.00	50.00	55.00	60.00
Apprentice Rate: Step 1 \$33.44/2543.38/30.294 \$34.90/3539.51						
Rate for AC Mechanic: **1:1; 2:24; 3:4; 4:8; 5:10; 6:12; 7:14; 8:17; 9:20; 10:23 (Max)						
Rate for AC Mechanic: **1:3; 3:15; 1:10 thereafter / Step are 1 yr.						
PIPELAYER	06/01/2010	\$48.350	12/01/2010	\$49.600	06/01/2011	\$50.600
	12/01/2011	\$51.850				
PLUMBERS & GASFITTERS	03/01/2010	\$67.500				
APPRENTICE: PLUMBER - Local 12						
Ratio	Step	1	2	3	4	5
**	%	35.00	40.00	55.00	65.00	75.00
Apprentice wages shall be no less than the following: **1:2; 2:4; 3:10; 4:14; 5:19/Steps are 1 yr.						
Step 1530.01/2532.890 \$41.344 \$47.31/47.41 \$50.20 / 5533.09/ 55.41 \$55.38						

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DEVAL L. PATRICK
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THE COMMONWEALTH OF MASSACHUSETTS
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Awarding Authority: City of Newton

Contract Number: RFQ 11-17

City/Town: NEWTON

Description of Work: Solar Energy Facilities Work - Request For Qualifications for Solar Energy Facilities

Job Location: Various Locations

Classification

Effective Dates and Total Rates

PNEUMATIC CONTROLS (TEMP.)	09/01/2010	\$68.730							
PNEUMATIC DRILL/TOOL OPERATOR	06/01/2010	\$48.350	12/01/2010	\$49.600	06/01/2011	\$50.600			
	12/01/2011	\$51.850							
POWDERMAN & BLASTER	06/01/2010	\$49.100	12/01/2010	\$50.350	06/01/2011	\$51.350			
	12/01/2011	\$52.600							
POWER SHOVEL/DERRICK/TRENCHING MACHINE	06/01/2010	\$59.730	12/01/2010	\$60.980					
PUMP OPERATOR (CONCRETE)	06/01/2010	\$59.730	12/01/2010	\$60.980					
PUMP OPERATOR (DEWATERING, OTHER)	06/01/2010	\$48.760	12/01/2010	\$49.690					
READY-MIX CONCRETE DRIVER	05/01/2010	\$41.080	05/01/2011	\$41.690					
RECLAIMERS	06/01/2010	\$59.380	12/01/2010	\$60.630					
RESIDENTIAL WOOD FRAME CARPENTER **	04/01/2009	\$35.620							
** The Residential Wood Frame Carpenter classification applies only to the construction of new, wood frame residences that do not exceed four stories including the basement.									
As of 9/1/09 Carpentry work on wood-frame residential WEATHERIZATION projects shall be paid the RESIDENTIAL WOOD FRAME CARPENTER rate.									
APPRENTICE: CARPENTER (Residential Wood Frame) - Zone 2									
Ratio	Step	1	2	3	4	5	6	7	8
1:3	%	60.00	60.00	63.00	70.00	73.00	80.00	83.00	90.00
Apprentice wages shall be no less than the following:									
Step 1 \$20.13/\$21.04/\$22.23/\$23.4/\$24.5/\$25.29/\$26.4/\$27.03/\$28.03/\$29.22									
RIDE-ON MOTORIZED BUGGY OPERATOR	06/01/2010	\$48.350	12/01/2010	\$49.600	06/01/2011	\$50.600			
	12/01/2011	\$51.850							
ROLLER/SPREADER/MULCHING MACHINE	06/01/2010	\$59.380	12/01/2010	\$60.630					
ROOFER (Inc. Roofer Waterproofing & Roofer Dampproofing)	02/01/2009	\$53.860							
APPRENTICE: ROOFER - Local33									
Ratio	Step	1	2	3	4	5			
**	%	50.00	60.00	63.00	73.00	83.00			
**1:3, 2:4-10, the 1:10; Ramoofing: 1:4, then 1:1									
Step 1 \$ 2000 hrs.; Steps 2-5 are 1000 hrs.									
Apprentice rates no less than: Step 1 \$29.91/\$34.04/\$41.74/\$45.22/\$48.48									
ROOFER SLATE/TILE/PRECAST CONCRETE	02/01/2009	\$54.110							
APPRENTICE: ROOFER (Slate/Tile/Precast Concrete) - Local33									
Ratio	Step	1	2	3	4	5			
**	%	50.00	60.00	63.00	73.00	83.00			
Apprentice wages shall be paid no less than the following:									
Step 1 \$30.04/\$34.04/\$41.93/\$45.41/\$48.89									
SHEETMETAL WORKER	08/01/2010	\$63.960	02/01/2011	\$65.210	08/01/2011	\$66.460			
	02/01/2012	\$67.710	08/01/2012	\$68.960	02/01/2013	\$70.210			

This wage schedule must be posted at the worksite in accordance with M.G.L. c. 149, § 27. Failure of the employer to pay "prevailing wage rates," which are the minimum wage rates listed above, on public works projects is a violation of M.G.L. c. 149, § 27. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465. Contractors with questions about the wage rates or classifications included on the wage schedules have an affirmative obligation to inquire with DOS at www.mass.gov/dos/pw or at 617-626-6952.

Issue Date: 09/27/2010

Wage Request Number: 20100927-011

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DEVAL L. PATRICK
Governor
TIMOTHY P. MURRAY
Lieutenant Governor

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DIVISION OF OCCUPATIONAL SAFETY

Prevailing Wage Rates

As determined by the Commissioner under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H



JOANNE F. GOLDSTEIN
Secretary of Labor and Workforce Development
GEORGE E. NOEL
Director of Labor
HEATHER E. ROWE
Acting Commissioner of
Division of Occupational Safety

Awarding Authority: City of Newton

Contract Number: RFQ11-17

City/Town: NEWTON

Description of Work: Solar Energy Facilities Work - Request For Qualifications for Solar Energy Facilities

Job Location: Various Locations

Classification

Effective Dates and Total Rates

APPRENTICE: SHEET METAL WORKER - Local 17-A											
Ratio	Step	1	2	3	4	5	6	7			
1.4	%	40.00	45.00	50.00	60.00	65.00	75.00	85.00			
Apprentice wages shall be no less than the following:						Steps 1-3 are 1 year; Steps 4-7 are 6 mos.					
Step 1524.84/2533.33/335.95/441.20/554.83/684.90/875.33.83											
SIGN ERECTOR						06/01/2009	\$37.780				
APPRENTICE: SIGN ERECTOR - Local 33 Zone 2											
Ratio	Step	1	2	3	4	5	6	7	8	9	
1.1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00	90.00	
Apprentice wages shall be no less than the following:						Steps are 6 mos.					
Step 1519.48/2523.12/324.34/425.40/530.34/633.15/793.28/893.40/993.53.30											
SPECIALIZED EARTH MOVING EQUIP < 35 TONS						06/01/2010	\$45.220	12/01/2010	\$45.820	06/01/2011	\$46.570
						12/01/2011	\$47.230	06/01/2012	\$47.880	12/01/2012	\$48.910
SPECIALIZED EARTH MOVING EQUIP > 35 TONS						06/01/2010	\$45.510	12/01/2010	\$46.110	06/01/2011	\$46.860
						12/01/2011	\$47.520	06/01/2012	\$48.170	12/01/2012	\$49.200
SPRINKLER FITTER						04/01/2010	\$69.550				
APPRENTICE: SPRINKLER FITTER - Local 330											
Ratio	Step	1	2	3	4	5	6	7	8	9	10
1.1	%	40.00	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
Apprentice wages shall be no less than the following steps:											
1535.50/2538.03/3440.55/443.08/543.40/648.13/753.03/863.35/1869.53.70/10.538.23											
STEAM BOILER OPERATOR						06/01/2010	\$59.380	12/01/2010	\$60.630		
TAMPERS, SELF-PROPELLED OR TRACTOR DRAWN						06/01/2010	\$59.380	12/01/2010	\$60.630		
TELECOMMUNICATION TECHNICIAN						09/01/2010	\$55.050	03/01/2011	\$56.300		
APPRENTICE: TELECOMMUNICATION TECHNICIAN - Local 103											
Ratio	Step	1	2	3	4	5	6	7	8		
1.1	%	40.00	45.00	50.00	55.00	60.00	65.00	75.00	80.00		
Apprentice wages shall be no less than the following:											
Step 1534.59/2534.19/337.80/439.39/540.99/644.24/754.58/847.40											
TERRAZZO FINISHERS						08/01/2010	\$68.850	02/01/2011	\$69.840	08/01/2011	\$71.940
						02/01/2012	\$72.930				
APPRENTICE: TERRAZZO FINISHER - Local 33 Marble & Tile											
Ratio	Step	1	2	3	4	5					
1.3	%	50.00	60.00	70.00	80.00	90.00					
Apprentice wages shall be no less than the following:						Steps are 800 hrs.					
Step 1544.78/2551.19/335.41/440.02/544.44											
TEST BORING DRILLER						06/01/2010	\$49.500	12/01/2010	\$50.750	06/01/2011	\$51.750
						12/01/2011	\$53.000				

This wage schedule must be posted at the worksite in accordance with M.G.L. c. 149, § 27. Failure of the employer to pay "prevailing wage rates," which are the minimum wage rates listed above, on public works projects is a violation of M.G.L. c. 149, § 27. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465. Contractors with questions about the wage rates or classifications included on the wage schedules have an affirmative obligation to inquire with DOS at www.mass.gov/dos/pw or at 617-626-6952.

Issue Date: 09/27/2010

Wage Request Number: 20100927-011

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DEVAL L. PATRICK
Governor
MICHAEL P. MURRAY
Lieutenant Governor

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DIVISION OF OCCUPATIONAL SAFETY

Prevailing Wage Rates

As determined by the Commissioner under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H



JOANNE F. GOLDSTEIN
Secretary of Labor and Workforce Development
GEORGE E. NOEL
Director of Labor
HEATHER E. ROWE
Acting Commissioner of
Division of Occupational Safety

Awarding Authority: City of Newton

Contract Number: RFQ 11-17

City/Town: NEWTON

Description of Work: Solar Energy Facilities Work - Request For Qualifications for Solar Energy Facilities

Job Location: Various Locations

Classification	Effective Dates and Total Rates							
TEST BORING DRILLER HELPER	06/01/2010	\$48.220	12/01/2010	\$49.470	06/01/2011	\$50.470		
	12/01/2011	\$51.720						
TEST BORING LABORER	06/01/2010	\$48.100	12/01/2010	\$49.350	06/01/2011	\$50.350		
	12/01/2011	\$51.600						
TRACTORS/PORTABLE STEAM GENERATORS	06/01/2010	\$59.380	12/01/2010	\$60.630				
TRAILERS FOR EARTH MOVING EQUIPMENT	06/01/2010	\$45.800	12/01/2010	\$46.400	06/01/2011	\$47.150		
	12/01/2011	\$47.810	06/01/2012	\$48.460	12/01/2012	\$49.490		
TUNNEL WORK - COMPRESSED AIR	06/01/2010	\$60.680	12/01/2010	\$61.930	06/01/2011	\$63.180		
	12/01/2011	\$64.430						
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE)	06/01/2010	\$62.680	12/01/2010	\$63.930	06/01/2011	\$65.180		
	12/01/2011	\$66.430						
TUNNEL WORK - FREE AIR	06/01/2010	\$52.750	12/01/2010	\$54.000	06/01/2011	\$55.250		
	12/01/2011	\$56.500						
TUNNEL WORK - FREE AIR (HAZ. WASTE)	06/01/2010	\$54.750	12/01/2010	\$56.000	06/01/2011	\$57.250		
	12/01/2011	\$58.500						
VAC-HAUL	06/01/2010	\$45.220	12/01/2010	\$45.820	06/01/2011	\$46.570		
	12/01/2011	\$47.230	06/01/2012	\$47.880	12/01/2012	\$48.910		
WAGON DRILL OPERATOR	06/01/2010	\$48.350	12/01/2010	\$49.600	06/01/2011	\$50.600		
	12/01/2011	\$51.850						
WASTE WATER PUMP OPERATOR	06/01/2010	\$59.730	12/01/2010	\$60.980				
WATER METER INSTALLER	03/01/2010	\$67.500						
Outside Electrical - East								
CABLE TECHNICIAN (Power Zone)	08/30/2010	\$34.050	08/29/2011	\$35.310				
CABLEMAN (Underground Ducts & Cables)	08/30/2010	\$44.320	08/29/2011	\$46.110				
DRIVER / GROUNDMAN CDL	08/30/2010	\$39.360	08/29/2011	\$40.830				
DRIVER / GROUNDMAN - Inexperienced (<2000 Hrs)	08/30/2010	\$31.890	08/29/2011	\$33.050				
EQUIPMENT OPERATOR (Class A CDL)	08/30/2010	\$48.320	08/29/2011	\$50.110				
EQUIPMENT OPERATOR (Class B CDL)	08/30/2010	\$41.760	08/29/2011	\$43.340				
GROUNDMAN	08/30/2010	\$31.390	08/29/2011	\$32.550				
GROUNDMAN - Inexperienced (<2000 Hrs.)	08/30/2010	\$26.840	08/29/2011	\$27.790				
JOURNEYMAN LINEMAN	08/30/2010	\$57.510	08/29/2011	\$59.620				
APPRENTICE: LINEMAN (Outside Electrical)- East Local 104								
Ratio	Step	1	2	3	4	5	6	7
1:2	%	40.00	45.00	70.00	75.00	80.00	85.00	90.00
Apprentice wages shall be no less than the following:								
Step 1533 31/2533 410 536174 \$40.7205 43 27454 5 82794 6 88								
TELE DATA CABLE SPlicer	03/01/2007	\$27.330						
TELE DATA LINEMAN/EQUIPMENT OPERATOR	03/01/2007	\$27.330						
TELE DATA WIREMAN/INSTALLER/TECHNICIAN	03/01/2007	\$27.330						

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Issue Date: 09/27/2010

Wage Request Number: 20100927-011

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DEVAL L. PATRICK
Governor

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THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DIVISION OF OCCUPATIONAL SAFETY

Prevailing Wage Rates

As determined by the Commissioner under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H



JOANNE F. GOLDSTEIN
Secretary of Labor and Workforce Development

GEORGE E. NOEL
Director of Labor

HEATHER E. ROWE
Acting Commissioner of
Division of Occupational Safety

Awarding Authority: City of Newton

Contract Number: RFQ 11-17

City/Town: NEWTON

Description of Work: Solar Energy Facilities Work - Request For Qualifications for Solar Energy Facilities

Job Location: Various Locations

Classification	Effective Dates and Total Rates	
TREE TRIMMER	02/01/2009	\$19.010
This classification applies only to the trimming of branches on and around utility lines.		
TREE TRIMMER GROUNDMAN	02/01/2009	\$17.060
This classification applies only to the trimming of branches on and around utility lines.		

Additional Apprenticeship Information:

Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the pre-determined hourly wage rate established by the Commissioner under the provisions of the M.G.L. c. 149, ss. 26-27D. Apprentice ratios are established by the Division of Apprenticeship Training pursuant to M.G.L. c. 23, ss. 11E-11L.

All apprentices must be registered with the Division of Apprenticeship Training in accordance with M.G.L. c. 23, Section 11.

All steps are six months (1000 hours) unless otherwise specified.

- * Ratios are expressed in allowable number of apprentices to journeymen or fraction thereof.
- ** Multiple ratios are listed in the comment field.
- *** The job site ratio of 2 apprentices (APP) for every 3 journeymen (JM) is allowed as follows:
1 JM: 1 APP; 2-3 JM: 2 APP; 4-6 JM: 4 APP; 7-9 JM: 6 APP; 10-12 JM: 8 APP; 13-15 JM: 10 APP; etc.
- **** The job site ratio of 2 apprentices (APP) for every 3 journeymen (JM) is allowed as follows:
1-2 JM: 1 APP; 3-4 JM: 2 APP; 5 JM: 3 APP; 6-7 JM: 4 APP; 8 JM: 5 APP; etc.

This wage schedule must be posted at the worksite in accordance with M.G.L. c. 149, § 27. Failure of the employer to pay "prevailing wage rates," which are the minimum wage rates listed above, on public works projects is a violation of M.G.L. c. 149, § 27. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465. Contractors with questions about the wage rates or classifications included on the wage schedules have an affirmative obligation to inquire with DOS at www.mass.gov/dos/pw or at 617-626-6952.

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The Massachusetts Prevailing Wage Law M.G.L. ch. 149, §§ 26 – 27

NOTICE TO AWARDING AUTHORITIES

- 'The enclosed wage schedule applies only to the specific project listed at the top and will be updated for any public construction project lasting longer than one (1) year.
- 'You should request an updated wage schedule from the Division of Occupational Safety if you have not opened bids or selected a contractor within 90 days of the date of issuance of the enclosed wage schedule.
- 'The wage schedule shall be incorporated in any advertisement or call for bids for the project for which it has been issued.
- 'Once a contractor has been selected by the awarding authority, the wage schedule shall be made a part of the contract for that project.

NOTICE TO CONTRACTORS

- The enclosed wage schedule, and any updated schedule, must be posted in a conspicuous place at the work site during the life of the project.
- The wages listed on the enclosed wage schedule must be paid to employees on public works projects regardless of whether they are employed by the prime contractor, a filed sub-bidder, or any sub-contractor.
- The enclosed wage schedule applies to all phases of the project including the final clean-up. Contractors whose only role is to perform final clean-up must pay their employees according to this wage schedule.
- All apprentices must be registered with the Massachusetts Division of Apprentice Training in order to be paid at the reduced apprentice rates. If a worker is not registered with the Division of Apprentice Training, they must be paid the “total rate” listed on the wage schedule regardless of experience or skill level. For further information, please call (617) 727-3486 or write to the Division of Apprentice Training, 399 Washington Street, 4th Floor, Boston, MA 02108

SCHOOL BUILDING INVENTORY, YEAR CONSTRUCTED, ADDITIONS, TOTAL BUILDING RENOVATIONS, MODULAR CLASSROOMS & SQUARE FOOTAGE

SCHOOL	ADDRESS	ORIGINAL CONSTRUCTION YEAR	ADDITION(S) YEAR(S)	APPROXIMATE SQUARE FOOTAGE
<u>ELEMENTARY SCHOOLS</u>				
Angier School	1697 Beacon Street	1919	1936	51,300
Bowen School	280 Cypress Street	1952	1989, 2000	63,915
Burr School	171 Pine Street	1967		53,000
Cabot School	229 Cabot Street	1929	1957, 1991 (2 - modulars)	41,000
Countryside School	191 Dedham Street	1953	1958, 1988-1999 (4 - modulars)	65,000
Franklin School	125 Derby Street	1939	1950, 1953	56,764
Lincoln-Eliot School	191 Pearl Street	1939	1965, 1974	51,074
Horace-Mann School	687 Watertown Street	1965	2002 (2 - modulars)	37,500
Pierce School	170 Temple Street	1951	1955	33,800
Memorial-Spaulding	250 Brookline Street	1954	1959, 2002	68,775
Mason Rice	149 Pleasant Street	1959		39,000
Underwood School	101 Vernon Street	1924	1978 (total building renovation)	43,300
Ward School	10 Dolphin Road	1928	1950, 1954	38,000
Williams School	141 Grove Street	1950	2001	41,700
Zervas School	30 Beethoven Avenue	1954	1999 (1 - modular)	30,646

MIDDLE SCHOOLS

Bigelow Middle School	42 Vernon Street	1967	1993 (total building renovation)	92,500
Brown Middle School	125 Meadowbrook Road	1956	1962, 1982, 1997	146,000
Day Middle School	21 Minot Place	1971	1997	145,600
Oak Hill Middle School	130 Wheeler Road	1936	1960, 1997	91,000

OTHER FACILITIES IN THE STUDY

Education Center (school administration building)	100 Walnut Street	1928	1934, 1966(m)	70,000
Carr School (currently used as a cultural center)	225 Nevada Street	1936	1960	49,000
Total School Square Footage (exclusive of the two high schools)				+/- 1,308,874

SCHOOL FACILITIES NOT IN THE STUDY BUT PART OF SCHOOL DEPARTMENT INVENTORY

Newton North High School	360 Lowell Ave	1973		445,000
Newton South High School	140 Brandeis Road	1959	1997, 1999, 2001-2004	383,500

9/18/03

PUBLIC BUILDINGS
BUILDING INVENTORY, YEAR CONSTRUCTED AND ADDITIONS, SQUARE FOOTAGE

DEPARTMENT	LOCATION	YEAR BUILT	TOTAL SQ. FOOTAGE
<u>PUBLIC SAFETY</u>			
Fire Alarm Headquarters	1164 Centre Street	1928	6,541
Fire Station #1	241 Church Street	1963	14,808
Fire Station #2	1750 Commonwealth Ave.	1963	14,378
Fire Station #3	31 Willow Street	1955	16,215
Fire Station #4	195 Crafts Street	1955	12,704
Fire Station #7	144 Elliot Street	1955	13,826
Fire Station #10	755 Dedham Street	1948	8,158
Police Headquarters	1321 Washington Street	1932	30,000
Police Garage	1321 Washington Street	1959	7,548
Police Annex	25 Chestnut Street	1925	5,470
Waban Hill Radio Tower & Shed	Manet Road		+/- 300
			+/- 129,948

<u>LIBRARY</u>			
Main Library	330 Homer Street	1991	93,000
Library	371 Auburn Street	1934	4,830
Newton Corner Library	124 Vernon Street	1910, 1934	6,138
Nonantum Library	114 Bridge Street	1957	5,137
Waban Library	1608 Beacon Street	1934	6,378
			+/- 115,483

RECREATION

Crystal Lake Bath House	16 Rogers Street	1931		7,581
Hawthorne Fieldhouse	17 Hawthorne Street	1950		5,608
Recreation Headquarters	70 Crescent Street			3,208
Lower Falls Comm. Center	545 Grove Street	1958		10,519
Recreation Garage	70 Crescent Street, (rear)			4,600
Albemarle Fieldhouse	250 Albemarle Road			2,072
Allison Playgr. Fieldhouse	233 California Street			320
Auburndale Playgr. Fieldhouse	W. Pine Street			1,329
Bullough Pond Skating Shelter	Bullough Park			624
Burr Park Fieldhouse	142 Park Street			3,000
Cabot Park Fieldhouse	101 East Side Parkway			1,264
Gath Pool Facility	256 Albemarle Road		+/-	4,600
Nahanton Park Fieldhouse	Nahanton Street			1,440
Highlands Playground	10 Winchester Street			600
Upper Falls Playgr. Fieldhouse	86 Pennsylvania Avenue			520
Upper Falls Comm. Ctr/Lib.	5 High Street	1955	+/-	13,418
Newton Centre Fieldhouse	81 Tyler Terrace	+/- 1900		4,352
N. Centre Metal Storage Bldg.	Tyler Terrace		+/-	500
				<hr/>
				+/- 65,555

WATER

Quinobequin Pumping Station	136 Quinobequin Road
Elliot Street Pumping Station	Elliot Street

PUBLIC WORKS

Elliot Street Operations Center	74 Elliot Street	1927		15,858
Elliot Street Garage	70 Elliot Street	1959		9,000
Elliot Street Sand/Salt Shed	70 Elliot Street	1994	+/-	7,800
Crafts Street DPW Oper. Ctr.	90 Crafts Street	1894		19,553
Crafts Street Garage	110 Crafts Street	1919, 1936		
				23,474
				<hr/>
				+/- 75,685

MISCELLANEOUS

City Hall/War Memorial	1000 Commonwealth Ave.	1931	81,000
Jackson Homestead	527 Washington Street	1807	7,000
Public Buildings Maint. Shop	52 Elliot Street	1967, 1975, 1980	7,100
Kennard Estate	246 Dudley Road	1904 +/-	15,715
Winchester Street Garage	525 Winchester Street (rear)	+/-	2,800
Health Department	1294 Centre Street	1934	4,581
Highlands Library	20 Hartford Street	+/- 1920	5,081
Senior Citizens Center	345 Walnut Street	1938	11,298
			+/- 134,515
Total OB:			+/- 521,186

SCHOOLS

Newton North High School	360 Lowell Avenue	1973	445,000
Angier School	1697 Beacon Street	1919, 1936	51,300
Bigelow Middle School	42 Vernon Street	1967	92,500
Bowen School	280 Cypress Street	1952, 1989, '00	63,915
Burr School	171 Pine Street	1967	53,000
Cabot School	229 Cabot Street	1929, 1957, + 1991 (M)	41,000
Countryside School	191 Dedham Street	1953, 1958, 1988, 1991 (M), 1999 (M)	60,700
Education Center	100 Walnut Street	1928, 1934, 1966	70,000
Day Middle School	21 Minot Place	1971, 1997	145,600
Franklin School	125 Derby Street	1939, 1950, 1953	56,764
Lincoln-Eliot School	191 Pearl Street	1939, 1965, 1974	51,074
Horace-Mann School	687 Watertown Street	1965	35,000
Brown Middle School	125 Meadowbrook Road	1956, 1962, 1982, 1997	146,000
Newton South High School	140 Brandeis Road	1959, 1997, 1999	244,350
Newton South High Auto Shop	140 Brandeis Road	1976	2,550
Oak Hill Middle School	130 Wheeler Road	1936, 1960, 1997	91,000
Pierce School	170 Temple Street	1951, 1955	33,800
Memorial-Spaulding	250 Brookline Street	1954, 1959,	

Mason Rice	149 Pleasant Street	1995 (M)	68,775
Underwood School	101 Vernon Street	1959	39,000
Ward School	10 Dolphin Road	1924	43,300
Williams School	141 Grove Street	1928, 1950, 1954	38,000
Zervas School	30 Beethoven Avenue	1950	31,000
		1954, 1999 (M)	30,646

Total School Square Footage +/- 1,934,274

Grand Total Square Footage +/- 2,455,460

Electricity Report July 1, 2005 to June 30, 2006

Building:	NSTAR Account #:	Account Type:	Yearly Consumption:	Yearly Cost:	Square Footage:	Consumption /SquareFoot	Cost /SquareFoot
City Hall	2630 396 1002	B2	611,000	\$99,259.49	81,000	7.54	\$1.23
Library	2630 394 1004	T2	1,255,500	\$241,497.05	93,000	13.50	\$2.60
Police Headquarters	2630 419 1005	T2	517,788	\$79,492.84	30,000	17.26	\$2.65
Police Garage	2630 418 1006	B2	45,928	\$8,099.66	7,548	6.08	\$1.07
Police Annex	2647 040 1005	B2	92,840	\$14,435.58	5,470	16.97	\$2.64
Fire Headquarters	2630 602 1002	B2	51,688	\$8,464.38	6,541	7.90	\$1.29
Fire Station 1	2630 309 1008	B2	62,835	\$11,698.95	14,808	4.24	\$0.79
Fire Station 2	2630 453 1002	B2	70,989	\$11,115.52	14,378	4.94	\$0.77
Fire Station 3	2630 604 1000	B2	69,715	\$11,536.20	16,215	4.30	\$0.71
Fire Station 4	2630 362 1002	B2	65,360	\$10,283.23	12,704	5.14	\$0.81
Fire Station 7	2630 527 1004	B2	54,440	\$8,552.71	13,826	3.94	\$0.62
Fire Station 10	2630 567 1005	B2	27,134	\$5,030.68	8,158	3.33	\$0.62
Public Buildings Dept.	2630 519 1004	B2	41,647	\$6,762.73	7,100	5.87	\$0.95
Newton North High School	2630 408 1008	T2	5,808,640	\$928,016.85	445,000	13.05	\$2.09
Newton South High School	2630 583 1005	T2	1,896,933	\$296,684.38	324,350	5.23	\$0.91
Bigelow Middle School	2630 299 1000	B2	636,800	\$107,894.02	92,500	6.88	\$1.17
Brown Middle School	2630 560 1002	B2	556,246	\$98,376.79	146,000	3.81	\$0.67
Day Middle School	2630 355 1001	T2	1,484,582	\$271,541.55	145,600	10.20	\$1.86
Oak Hill Middle School	2630 558 1006	T2	873,340	\$142,179.23	91,000	9.60	\$1.56
Angier School	2630 491 1006	B2	199,178	\$37,602.62	51,300	3.88	\$0.73
Bowen School	2630 591 1005	B2	252,240	\$42,198.22	63,915	3.95	\$0.66
Burr School	2630 431 1009	B2	196,048	\$33,157.01	53,000	3.70	\$0.63
Cabot School	2630 378 1004	B2	232,660	\$44,124.67	41,000	5.67	\$1.08
Countryside School	2630 552 1002	B2	163,498	\$33,940.56	60,700	2.69	\$0.56
Education Center	2630 360 1004	B2	606,040	\$101,462.65	70,000	8.66	\$1.45
Franklin School	2630 339 1002	B2	281,043	\$48,439.91	56,764	4.95	\$0.85
Horace-Mann School	2630 347 1002	B2	269,240	\$45,879.06	35,000	7.69	\$1.31
Lincoln-Eliot School	2630 315 1000	B2	219,092	\$38,368.58	51,074	4.29	\$0.75
Mason-Rice School	2630 610 1002	B2	290,520	\$48,632.07	39,000	7.45	\$1.25
Memorial-Speaulding School	2630 574 1005	B2	302,200	\$50,364.10	68,775	4.39	\$0.73
Pierce School	2630 444 1004	B2	111,170	\$21,791.63	33,800	3.29	\$0.64
Underwood School	2630 295 1004	B2	142,860	\$27,736.29	43,300	3.30	\$0.64
Ward School	2630 287 1004	B2	135,960	\$26,931.33	38,000	3.58	\$0.71
Williams School	2688 328 0013	B1	23,040	\$4,188.75	31,000	0.74	\$0.14
Zervas School	2630 502 1003	B2	212,028	\$35,920.73	30,646	6.92	\$1.17
Total:			17,660,222	\$3,001,661.03	2,322,472	7.60	\$1.29

NA= not applicable

Natural Gas Report July 1, 2005 to June 30, 2006

Building:	Keyspan Account #:	Select Account #:	Yearly Consumption:	Yearly Cost:	Square Footage:	Consumption /SquareFoot	Cost /SquareFoot
City Hall	5087610000	90038810	5,226	\$9,172.39	81,000	0.06	\$0.11
Library	5083012490	90090009	29,803	\$54,346.83	93,000	0.32	\$0.58
Police Headquarters	5083829140	90090081	8,859	\$16,025.91	30,000	0.30	\$0.53
Police Garage	5083829170	90090011	6,941	\$13,018.36	7,548	0.92	\$1.72
Police Annex	5083829620	90038822	3,012	\$6,742.35	5,470	0.55	\$1.23
Fire Headquarters	5082820350	90038769	43	\$384.62	6,541	0.01	\$0.06
Fire Station 1	5087221370	90038813	310	\$814.10	14,808	0.02	\$0.05
Fire Station 2	5082010000	90038741	1,060	\$1,992.01	14,378	0.07	\$0.14
Fire Station 3	5082823290	90038779	1,463	\$2,615.09	16,215	0.09	\$0.16
Fire Station 4	5084627310		965	\$1,798.74	12,704	0.08	\$0.14
Fire Station 7	5087812910		1,398	\$2,583.22	13,826	0.10	\$0.19
Fire Station 10	5087011890	90038811	541	\$1,160.04	8,158	0.07	\$0.14
Public Buildings Dept.	5088022930	90090079	902	\$1,942.29	7,100	0.13	\$0.27
Newton North High School	5086810000	90090021	162,950	\$384,332.64	445,000	0.37	\$0.85
Newton South High School	5085231250	90038814	306,202	\$352,475.75	324,350	0.94	\$1.09
Bigelow Middle School	5081830640	90038792	360	\$1,342.21	92,500	0.00	\$0.01
Brown Middle School	5087027040	90090025	7,885	\$10,119.87	146,000	0.05	\$0.07
Day Middle School	5088910720	90090029	59,218	\$111,512.87	145,600	0.41	\$0.77
Oak Hill Middle School			N/A	N/A	91,000	N/A	N/A
Angier School	5083819510	90090017	130	\$1,049.85	51,300	0.00	\$0.02
Bowen School	5085810660	90038804	2,119	\$2,642.34	63,915	0.03	\$0.04
Burr School	5082810180	90038758	25,137	\$38,228.98	53,000	0.47	\$0.72
Cabot School	5086210000	90038799	318	\$1,022.31	41,000	0.01	\$0.02
Countryside School	5088031420	90038817	4,212	\$7,304.57	60,700	0.07	\$0.12
Education Center		90038761	1,596	\$3,384.40	70,000	0.02	\$0.05
Franklin School	5084228990	90090028	882	\$1,478.86	56,764	0.02	\$0.03
Horace-Mann School	5083628360	90090027	31,951	\$54,563.11	35,000	0.91	\$1.56
Lincoln-Eliot School	5085426470	90090023	953	\$1,841.00	51,074	0.02	\$0.04
Mason-Rice School	5088211620	90090030	358	\$1,055.46	39,000	0.01	\$0.03
Memorial-Spaulding School	5086830550	90038816	2,819	\$4,255.43	68,775	0.04	\$0.06
Pierce School	5087210000		2,107	\$978.41	33,800	0.06	\$0.03
Underwood School	5082029680	90038801	445	\$911.18	43,300	0.01	\$0.02
Ward School	5081424430	90090020	39,474	\$63,112.71	38,000	1.04	\$1.66
Williams School	5082418160	90090016	1,161	\$1,957.01	31,000	0.04	\$0.06
Zervas School	5084020830	90090018	46,648	\$75,464.40	30,646	1.52	\$2.46
Total:			757,448	\$1,231,629.31	2,322,472	0.33	\$0.53

NA= not applicable

Oil Report July 1, 2005 to June 30, 2006

Building:	Yearly Consumption:	Yearly Cost:	Square Footage:	Consumption /Square/Foot	Cost /Square/Foot
City Hall	29,552	\$56,854.88	81,000	0.36	\$0.70
Library	N/A	N/A	93,000	FALSE	FALSE
Police Headquarters	N/A	N/A	30,000	FALSE	FALSE
Police Garage	N/A	N/A	7,548	FALSE	FALSE
Police Annex	N/A	N/A	5,470	FALSE	FALSE
Fire Headquarters	3,787	\$7,292.63	6,541	0.58	\$1.11
Fire Station 1	8,602	\$16,561.81	14,808	0.58	\$1.12
Fire Station 2	8,702	\$16,754.87	14,378	0.61	\$1.17
Fire Station 3	6,341	\$12,208.98	16,215	0.39	\$0.75
Fire Station 4	6,463	\$12,445.29	12,704	0.51	\$0.98
Fire Station 7	6,733	\$12,984.04	13,826	0.49	\$0.94
Fire Station 10	4,142	\$7,975.22	8,158	0.51	\$0.98
Public Buildings Dept.	1,854	\$3,569.78	7,100	0.26	\$0.50
Newton North High School	N/A	N/A	445,000	FALSE	FALSE
Newton South High School	2,911	\$5,934.73	324,350	0.01	\$0.02
Bigelow Middle School	43,546	\$87,757.84	92,500	0.47	\$0.95
Brown Middle School	81,850	\$178,467.76	146,000	0.56	\$1.22
Day Middle School	N/A	N/A	145,600	FALSE	FALSE
Oak Hill Middle School	42,503	\$91,840.97	91,000	0.47	\$0.90
Angier School	29,241	\$62,139.24	51,300	0.57	\$1.21
Bowen School	36,864	\$72,913.96	63,915	0.58	\$1.14
Burr School	N/A	N/A	53,000	FALSE	FALSE
Cabot School	26,054	\$53,053.19	41,000	0.64	\$1.29
Countryside School	17,411	\$41,744.23	60,700	0.29	\$0.69
Education Center	37,892	\$72,963.19	70,000	0.54	\$1.04
Franklin School	53,658	\$103,316.14	56,764	0.95	\$1.82
Horace-Mann School	N/A	N/A	35,000	FALSE	FALSE
Lincoln-Eliot School	29,770	\$57,326.15	51,074	0.58	\$1.12
Mason-Rice School	27,232	\$52,435.35	39,000	0.70	\$1.34
Memorial-Spaulding School	34,037	\$69,890.29	68,775	0.49	\$1.02
Pierce School	48,881	\$42,531.41	33,800	1.45	\$1.26
Underwood School	28,615	\$55,098.28	43,300	0.66	\$1.27
Ward School	N/A	N/A	38,000	FALSE	FALSE
Williams School	30,909	\$59,530.62	31,000	1.00	\$1.92
Zervas School	1,220	\$2,347.02	30,646	0.04	\$0.08
Total:	648,768	\$1,245,917.87	2,322,472	0.28	\$0.54

NA= not applicable